



**The National Marine Biological
Analytical Quality Control Scheme**

**Own Sample Module
Summary Report
OS35, 36 & 37**

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MODULE / EXERCISE DETAILS

Module: Own Sample (OS)

Exercises: OS35, OS36 & OS37

Targeted CSEMP Samples: 2006

Data/Sample Request Circulated – 20/09/2007

Sample Submission Deadline – 16/11/2007

Number of Subscribing Laboratories – 30

Number of Own Samples Received – 81

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Table 1. Results from the analysis of Own Samples (OS35 to OS37) supplied by the participating laboratories and re-analysis by Unicmarine Ltd.

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
LabCode	Number of Taxa				Number of Individuals				Not extracted			Count Error	Similarity index	Taxonomic Errors	Note
	PL	UM	Diff (n)	%max	PL	UM	Diff (n)	%max	NewTaxa	Ind	%ind				
LB1401 OS35	25	25	0	0.0	293	298	-5	1.7	0	0	0.0	-5	99.15	0	-
LB1401 OS36	12	12	0	0.0	51	51	0	0.0	0	0	0.0	0	100	0	No biomass data.
LB1401 OS37	5	5	0	0.0	58	58	0	0.0	0	0	0.0	0	98.28	1	-
LB1402 OS35	25	28	-3	10.7	139	146	-7	4.8	1	6	4.1	-1	91.93	1	-
LB1402 OS36	31	34	-3	8.8	107	131	-24	18.3	2	5	3.8	-19	86.56	1	RA completed (02/09/09)
LB1402 OS37	25	25	0	0.0	65	68	-3	4.4	1	3	4.4	0	69.17	5	RA completed (02/09/09)
LB1403 OS35	14	14	0	0.0	71	71	0	0.0	0	0	0.0	0	98.59	0	Biomass to 5 d.p.
LB1403 OS36	17	17	0	0.0	145	147	-2	1.4	0	0	0.0	-2	96.58	2	Biomass to 5 d.p.
LB1403 OS37	38	38	0	0.0	1001	1001	0	0.0	0	0	0.0	0	99.60	2	Biomass to 5 d.p.
LB1404 OS35	197	198	-1	0.5	9206	9193	13	0.1	1	3	0.0	16	99.90	0	External Audit (completed 09/08/09)
LB1404 OS36	86	86	0	0.0	3300	3301	-1	0.0	0	15	0.5	14	99.59	0	External Audit (completed 09/08/09)
LB1404 OS37	20	20	0	0.0	156	156	0	0.0	0	0	0.0	0	99.37	1	External Audit (completed 22/07/09)
LB1405 OS35	21	23	-2	8.7	482	495	-13	2.6	2	14	2.8	1	98.57	0	Biomass to 5 d.p.
LB1405 OS36	54	57	-3	5.3	230	235	-5	2.1	2	7	3.0	2	88.41	5	Biomass to 5 d.p.; RA completed 30/04/09.
LB1405 OS37	97	98	-1	1.0	1511	1510	1	0.1	0	3	0.2	4	99.64	1	External Audit (completed 22/07/09)
LB1406 OS35	22	22	0	0.0	100	100	0	0.0	0	0	0.0	0	95.00	1	No biomass data.
LB1406 OS36	31	31	0	0.0	137	137	0	0.0	0	0	0.0	0	98.54	1	No biomass data.
LB1406 OS37	38	39	-1	2.6	145	145	0	0.0	0	0	0.0	0	96.55	2	No biomass data.
LB1407 OS35	52	53	-1	1.9	107	113	-6	5.3	1	6	5.3	0	97.41	0	External Audit (completed 22/07/09)
LB1407 OS36	6	5	1	16.7	7	7	0	0.0	0	0	0.0	0	93.33	0	External Audit (completed 22/07/09)
LB1407 OS37	5	5	0	0.0	6	6	0	0.0	0	0	0.0	0	100	0	External Audit (completed 22/07/09)
LB1408 OS35	65	65	0	0.0	1829	1831	-2	0.1	0	2	0.1	0	99.67	0	No biomass data; External Audit (completed 03/04/08)
LB1408 OS36	53	51	2	3.8	384	391	-7	1.8	1	2	0.5	-5	98.86	1	No biomass data; External Audit (completed 03/04/08)
LB1408 OS37	51	51	0	0.0	953	950	3	0.3	0	0	0.0	3	99.84	0	No biomass data; External Audit (completed 03/04/08)
LB1409 OS35	15	15	0	0.0	19	19	0	0.0	0	0	0.0	0	100	0	No biomass data.
LB1409 OS36	42	41	1	2.4	87	90	-3	3.3	0	3	3.3	0	86.19	3	No biomass data; RA completed 21/05/09.
LB1409 OS37	38	38	0	0.0	80	80	0	0.0	0	0	0.0	0	96.34	2	No biomass data.
LB1410 OS35	15	15	0	0.0	73	73	0	0.0	0	0	0.0	0	100	0	No biomass data.
LB1410 OS36	16	16	0	0.0	36	36	0	0.0	0	0	0.0	0	100	0	No biomass data.
LB1410 OS37	22	23	-1	4.3	37	39	-2	5.1	1	2	5.1	0	97.37	0	No biomass data.
LB1411 OS35	28	29	-1	3.4	62	63	-1	1.6	1	1	1.6	0	96.92	1	No biomass data.
LB1411 OS36	18	17	1	5.6	51	52	-1	1.9	0	1	1.9	0	87.38	3	No biomass data; RA completed 08/12/09.
LB1411 OS37	39	39	0	0.0	174	174	0	0.0	0	0	0.0	0	90.45	4	No biomass data.
LB1412 OS35	2	2	0	0.0	64	66	-2	3.0	0	0	0.0	-2	98.46	0	-
LB1412 OS36	5	5	0	0.0	655	656	-1	0.2	0	17	2.6	16	99.31	0	-
LB1412 OS37	11	11	0	0.0	57	59	-2	3.4	0	1	1.7	-1	98.28	0	-
LB1413 OS35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Laboratory not submitting data/samples this year
LB1413 OS36	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Laboratory not submitting data/samples this year
LB1413 OS37	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Laboratory not submitting data/samples this year
LB1416 OS35	32	32	0	0.0	1808	1799	9	0.5	0	10	0.6	19	99.31	0	External Audit (completed 22/07/09)
LB1416 OS36	18	18	0	0.0	760	757	3	0.4	0	1	0.1	4	99.67	0	External Audit (completed 22/07/09)
LB1416 OS37	26	26	0	0.0	149	149	0	0.0	0	0	0.0	0	100.00	0	External Audit (completed 22/07/09)
LB1417 OS35	5	5	0	0.0	65	83	-18	21.7	0	18	21.7	0	87.84	0	RA completed 17/06/09.
LB1417 OS36	8	9	-1	11.1	348	376	-28	7.4	1	32	8.5	4	96.13	0	-
LB1417 OS37	14	14	0	0.0	585	572	13	2.2	0	1	0.2	14	98.88	0	-

Table 1. Results from the analysis of Own Samples (OS35 to OS37) supplied by the participating laboratories and re-analysis by Unicomarine Ltd.

1		2				3				4				5				6				7				8				9				10				11				12				13				14				15			
LabCode		Number of Taxa				Number of Individuals				Not extracted				Count Error	Similarity index	Taxonomic Errors	Note																																								
		PL	UM	Diff (n)	%max	PL	UM	Diff (n)	%max	NewTaxa	Ind	%ind																																													
LB1418	OS35	33	35	-2	5.7	123	125	-2	1.6	2	2	1.6	0	99.19	0	-																																									
LB1418	OS36	21	21	0	0.0	48	49	-1	2.0	0	0	0.0	-1	98.97	0	-																																									
LB1418	OS37	8	8	0	0.0	96	93	3	3.1	0	0	0.0	3	98.41	0	-																																									
LB1419	OS35	7	7	0	0.0	26	26	0	0.0	0	0	0.0	0	100.00	0	No biomass data																																									
LB1419	OS36	7	7	0	0.0	26	25	1	3.8	0	0	0.0	1	98.04	0	No biomass data																																									
LB1419	OS37	18	20	-2	10.0	187	190	-3	1.6	2	5	2.6	2	97.61	0	No biomass data																																									
LB1420	OS35	62	69	-7	10.1	1348	1393	-45	3.2	5	71	5.1	26	93.62	6	Sieve fractions combined; Biomass to 3 d.p.																																									
LB1420	OS36	5	6	-1	16.7	586	821	-235	28.6	0	0	0.0	-235	82.59	1	Biomass to 3 d.p. RA completed 17/08/09.																																									
LB1420	OS37	21	21	0	0.0	395	438	-43	9.8	0	14	3.2	-29	91.76	3	Sieve fractions combined; Biomass to 3 d.p.																																									
LB1421	OS35	60	67	-7	10.4	198	221	-23	10.4	3	19	8.6	-4	66.67	15	RA completed 09/02/10 (revised due to sample disposal)																																									
LB1421	OS36	8	8	0	0.0	375	380	-5	1.3	0	3	0.8	-2	99.35	0	-																																									
LB1421	OS37	23	28	-5	17.9	122	146	-24	16.4	5	25	17.1	1	81.34	6	RA completed 09/02/10 (revised due to sample disposal)																																									
LB1422	OS35	76	78	-2	2.6	453	472	-19	4.0	1	25	5.3	6	94.56	4	No biomass data																																									
LB1422	OS36	50	53	-3	5.7	392	404	-12	3.0	2	13	3.2	1	96.99	3	No biomass data																																									
LB1422	OS37	37	37	0	0.0	79	78	1	1.3	0	0	0.0	1	91.72	5	No biomass data																																									
LB1423	OS35	40	40	0	0.0	186	189	-3	1.6	0	2	1.1	-1	99.20	0	-																																									
LB1423	OS36	28	28	0	0.0	50	50	0	0.0	0	0	0.0	0	100.00	0	-																																									
LB1423	OS37	10	10	0	0.0	11	11	0	0.0	0	0	0.0	0	100.00	0	-																																									
LB1424	OS35	20	20	0	0.0	535	544	-9	1.7	0	6	1.1	-3	95.83	4	-																																									
LB1424	OS36	24	24	0	0.0	714	700	14	2.0	0	2	0.3	16	98.73	0	External Audit (completed 22/07/09)																																									
LB1424	OS37	56	56	0	0.0	820	812	8	1.0	0	1	0.1	9	99.45	0	External Audit (completed 22/07/09)																																									
LB1425	OS35	45	47	-2	4.3	688	686	2	0.3	1	8	1.2	10	98.69	1	No biomass data																																									
LB1425	OS36	17	19	-2	10.5	131	128	3	2.3	2	2	1.6	5	96.53	0	No biomass data																																									
LB1425	OS37	20	25	-5	20.0	79	82	-3	3.7	5	3	3.7	0	96.34	0	No biomass data																																									
LB1426	OS35	4	4	0	0.0	11	11	0	0.0	0	0	0.0	0	100.00	0	External Audit (completed 22/07/09)																																									
LB1426	OS36	14	14	0	0.0	183	181	2	1.1	0	0	0.0	2	99.45	0	External Audit (completed 22/07/09)																																									
LB1426	OS37	4	4	0	0.0	24	24	0	0.0	0	0	0.0	0	100.00	0	External Audit (completed 22/07/09)																																									
LB1427	OS35	21	21	0	0.0	1230	1243	-13	1.0	0	0	0.0	-13	98.91	1	No biomass data																																									
LB1427	OS36	14	14	0	0.0	712	724	-12	1.7	0	1	0.1	-11	99.16	0	No biomass data																																									
LB1427	OS37	3	3	0	0.0	3	3	0	0.0	0	0	0.0	0	100.00	0	No biomass data																																									
LB1428	OS35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Laboratory not submitting data/samples this year																																									
LB1428	OS36	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Laboratory not submitting data/samples this year																																									
LB1428	OS37	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Laboratory not submitting data/samples this year																																									
LB1429	OS35	31	40	-9	22.5	66	91	-25	27.5	9	25	27.5	0	84.34	0	RA recommended																																									
LB1429	OS36	3	6	-3	50.0	3	21	-18	85.7	3	18	85.7	0	16.67	1	RA recommended																																									
LB1429	OS37	16	18	-2	11.1	291	310	-19	6.1	1	19	6.1	0	96.69	0	-																																									
LB1430	OS35	43	44	-1	2.3	261	264	-3	1.1	1	4	1.5	1	96.00	2	No biomass data																																									
LB1430	OS36	64	64	0	0.0	262	266	-4	1.5	2	6	2.3	2	96.79	5	No biomass data																																									
LB1430	OS37	12	12	0	0.0	47	47	0	0.0	0	0	0.0	0	97.87	1	No biomass data																																									
LB1431	OS35	11	11	0	0.0	160	158	2	1.3	0	4	2.5	6	96.86	1	No biomass data																																									
LB1431	OS36	14	17	-3	17.6	100	102	-2	2.0	3	3	2.9	1	96.55	2	No biomass data																																									
LB1431	OS37	21	24	-3	12.5	80	86	-6	7.0	3	6	7.0	0	89.82	4	No biomass data; RA recommended																																									
LB1432	OS35	-	-	-	-	-	-	-	-	-	-	-	-	0.00	-	Selected sample not submitted - Deemed fail																																									
LB1432	OS36	-	-	-	-	-	-	-	-	-	-	-	-	0.00	-	Selected sample not submitted - Deemed fail																																									
LB1432	OS37	-	-	-	-	-	-	-	-	-	-	-	-	0.00	-	Selected sample not submitted - Deemed fail																																									

Key: PL - participating laboratory
 UM - Unicomarine Ltd.
 "-" - No data.

Table 2. Comparison of the efficiency of extraction of fauna by the participating laboratories for the major taxonomic groups present in Own Samples (OS35-37).

LabCode		Nemertea	Polychaeta	Oligochaeta	Chelicerata	Crustacea	Echinodermata	Mollusca	Other	Overall
LB1401	UM count	-	199	-	17	8	60	7	7	298
OS35	PL missed	-	0	-	0	0	0	0	0	0
	%missed	-	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0
LB1401	UM count	-	7	6	-	19	-	1	18	51
OS36	PL missed	-	0	0	-	0	-	0	0	0
	%missed	-	0.0	0.0	-	0.0	-	0.0	0.0	0.0
LB1401	UM count	-	1	8	-	-	-	49	-	58
OS37	PL missed	-	0	0	-	-	-	0	-	0
	%missed	-	0.0	0.0	-	-	-	0.0	-	0.0
LB1402	UM count	1	62	-	-	-	8	75	-	146
OS35	PL missed	1	0	-	-	-	0	5	-	6
	%missed	100.0	0.0	-	-	-	0.0	6.7	-	4.1
LB1402	UM count	7	26	-	-	10	2	61	25	131
OS36	PL missed	0	0	-	-	0	0	4	1	5
	%missed	0.0	0.0	-	-	0.0	0.0	6.6	4.0	3.8
LB1402	UM count	1	24	-	-	10	-	33	-	68
OS37	PL missed	0	0	-	-	0	-	3	-	3
	%missed	0.0	0.0	-	-	0.0	-	9.1	-	4.4
LB1403	UM count	-	8	-	-	2	50	10	1	71
OS35	PL missed	-	0	-	-	0	0	0	0	0
	%missed	-	0.0	-	-	0.0	0.0	0.0	0.0	0.0
LB1403	UM count	2	12	-	-	3	32	7	91	147
OS36	PL missed	0	0	-	-	0	0	0	0	0
	%missed	0.0	0.0	-	-	0.0	0.0	0.0	0.0	0.0
LB1403	UM count	-	835	-	-	8	1	154	3	1001
OS37	PL missed	-	0	-	-	0	0	0	0	0
	%missed	-	0.0	-	-	0.0	0.0	0.0	0.0	0.0
LB1404	AE count	9	1064	233	12	6797	109	795	174	9193
OS35	UM missed	0	0	0	0	2	0	0	1	3
	%missed	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0
LB1404	AE count	-	993	-	2	723	2	1534	47	3301
OS36	UM missed	-	1	-	0	0	0	14	0	15
	%missed	-	0.1	-	0.0	0.0	0.0	0.9	0.0	0.5
LB1404	AE count	-	25	55	-	2	-	66	8	156
OS37	UM missed	-	0	0	-	0	-	0	0	0
	%missed	-	0.0	0.0	-	0.0	-	0.0	0.0	0.0
LB1405	UM count	1	460	3	-	7	-	4	20	495
OS35	PL missed	0	8	0	-	3	-	1	2	14
	%missed	0.0	1.7	0.0	-	42.9	-	25.0	10.0	2.8
LB1405	UM count	4	146	-	-	9	3	35	38	235
OS36	PL missed	0	2	-	-	2	0	1	2	7
	%missed	0.0	1.4	-	-	22.2	0.0	2.9	5.3	3.0
LB1405	AE count	18	443	-	1	103	21	898	26	1510
OS37	UM missed	0	1	-	0	1	0	1	0	3
	%missed	0.0	0.2	-	0.0	1.0	0.0	0.1	0.0	0.2
LB1406	UM count	1	27	-	-	1	61	9	1	100
OS35	PL missed	0	0	-	-	0	0	0	0	0
	%missed	0.0	0.0	-	-	0.0	0.0	0.0	0.0	0.0
LB1406	UM count	3	25	-	-	7	2	100	-	137
OS36	PL missed	0	0	-	-	0	0	0	-	0
	%missed	0.0	0.0	-	-	0.0	0.0	0.0	-	0.0
LB1406	UM count	-	111	13	-	6	10	4	1	145
OS37	PL missed	-	0	0	-	0	0	0	0	0
	%missed	-	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0
LB1407	AE count	-	62	1	4	13	7	11	15	113
OS35	UM missed	-	5	0	1	0	0	0	0	6
	%missed	-	8.1	0.0	25.0	0.0	0.0	0.0	0.0	5.3
LB1407	AE count	-	2	-	-	2	1	2	-	7
OS36	UM missed	-	0	-	-	0	0	0	-	0
	%missed	-	0.0	-	-	0.0	0.0	0.0	-	0.0
LB1407	AE count	-	4	-	-	2	-	-	-	6
OS37	UM missed	-	0	-	-	0	-	-	-	0
	%missed	-	0.0	-	-	0.0	-	-	-	0.0

Table 2. Comparison of the efficiency of extraction of fauna by the participating laboratories for the major taxonomic groups present in Own Samples (OS35-37).

LabCode		Nemertea	Polychaeta	Oligochaeta	Chelicerata	Crustacea	Echinodermata	Mollusca	Other	Overall
LB1408	AE count	43	455	604	-	55	4	624	46	1831
OS35	UM missed	0	1	1	-	0	0	0	0	2
	%missed	0.0	0.2	0.2	-	0.0	0.0	0.0	0.0	0.1
LB1408	AE count	-	160	78	-	6	-	53	94	391
OS36	UM missed	-	1	0	-	0	-	1	0	2
	%missed	-	0.6	0.0	-	0.0	-	1.9	0.0	0.5
LB1408	AE count	10	848	-	-	28	1	41	22	950
OS37	UM missed	0	0	-	-	0	0	0	0	0
	%missed	0.0	0.0	-	-	0.0	0.0	0.0	0.0	0.0
LB1409	UM count	-	4	-	-	9	-	6	-	19
OS35	PL missed	-	0	-	-	0	-	0	-	0
	%missed	-	0.0	-	-	0.0	-	0.0	-	0.0
LB1409	UM count	3	29	-	-	17	9	32	-	90
OS36	PL missed	1	0	-	-	1	0	1	-	3
	%missed	33.3	0.0	-	-	5.9	0.0	3.1	-	3.3
LB1409	UM count	3	31	-	-	18	10	18	-	80
OS37	PL missed	0	0	-	-	0	0	0	-	0
	%missed	0.0	0.0	-	-	0.0	0.0	0.0	-	0.0
LB1410	UM count	5	64	-	-	2	-	2	-	73
OS35	PL missed	0	0	-	-	0	-	0	-	0
	%missed	0.0	0.0	-	-	0.0	-	0.0	-	0.0
LB1410	UM count	4	18	-	7	2	-	4	1	36
OS36	PL missed	0	0	-	0	0	-	0	0	0
	%missed	0.0	0.0	-	0.0	0.0	-	0.0	0.0	0.0
LB1410	UM count	5	22	-	1	6	1	2	2	39
OS37	PL missed	0	0	-	0	2	0	0	0	2
	%missed	0.0	0.0	-	0.0	33.3	0.0	0.0	0.0	5.1
LB1411	UM count	4	28	-	-	4	-	25	2	63
OS35	PL missed	0	1	-	-	0	-	0	0	1
	%missed	0.0	3.6	-	-	0.0	-	0.0	0.0	1.6
LB1411	UM count	1	38	-	-	2	1	10	-	52
OS36	PL missed	0	1	-	-	0	0	0	-	1
	%missed	0.0	2.6	-	-	0.0	0.0	0.0	-	1.9
LB1411	UM count	1	16	-	-	148	-	7	2	174
OS37	PL missed	0	0	-	-	0	-	0	0	0
	%missed	0.0	0.0	-	-	0.0	-	0.0	0.0	0.0
LB1412	UM count	-	-	-	-	66	-	-	-	66
OS35	PL missed	-	-	-	-	0	-	-	-	0
	%missed	-	-	-	-	0.0	-	-	-	0.0
LB1412	UM count	-	117	-	-	-	-	539	-	656
OS36	PL missed	-	1	-	-	-	-	14	-	15
	%missed	-	0.9	-	-	-	-	2.6	-	2.3
LB1412	UM count	-	13	-	-	40	-	5	-	58
OS37	PL missed	-	0	-	-	1	-	0	-	1
	%missed	-	0.0	-	-	2.5	-	0.0	-	1.7
LB1413	UM count	-	-	-	-	-	-	-	-	0
OS35	PL missed	-	-	-	-	-	-	-	-	0
	%missed	-	-	-	-	-	-	-	-	-
LB1413	UM count	-	-	-	-	-	-	-	-	0
OS36	PL missed	-	-	-	-	-	-	-	-	0
	%missed	-	-	-	-	-	-	-	-	-
LB1413	UM count	-	-	-	-	-	-	-	-	0
OS37	PL missed	-	-	-	-	-	-	-	-	0
	%missed	-	-	-	-	-	-	-	-	-

Table 2. Comparison of the efficiency of extraction of fauna by the participating laboratories for the major taxonomic groups present in Own Samples (OS35-37).

LabCode		Nemertea	Polychaeta	Oligochaeta	Chelicerata	Crustacea	Echinodermata	Mollusca	Other	Overall
LB1416	AE count	-	1209	11	1	-	-	25	553	1799
OS35	UM missed	-	0	0	0	-	-	0	10	10
	%missed	-	0.0	0.0	0.0	-	-	0.0	1.8	0.6
LB1416	AE count	-	653	87	-	1	-	13	3	757
OS36	UM missed	-	0	0	-	0	-	0	1	1
	%missed	-	0.0	0.0	-	0.0	-	0.0	33.3	0.1
LB1416	AE count	2	87	4	-	1	-	55	-	149
OS37	UM missed	0	0	0	-	0	-	0	-	0
	%missed	0.0	0.0	0.0	-	0.0	-	0.0	-	0.0
LB1417	UM count	-	50	2	-	18	-	13	-	83
OS35	PL missed	-	13	0	-	4	-	1	-	18
	%missed	-	26.0	0.0	-	22.2	-	7.7	-	21.7
LB1417	UM count	-	331	2	-	24	-	18	1	376
OS36	PL missed	-	30	0	-	1	-	0	1	32
	%missed	-	9.1	0.0	-	4.2	-	0.0	100.0	8.5
LB1417	UM count	-	521	31	-	-	-	19	1	572
OS37	PL missed	-	1	0	-	-	-	0	0	1
	%missed	-	0.2	0.0	-	-	-	0.0	0.0	0.2
LB1418	UM count	1	59	-	-	6	16	41	2	125
OS35	PL missed	0	1	-	-	0	0	0	1	2
	%missed	0.0	1.7	-	-	0.0	0.0	0.0	50.0	1.6
LB1418	UM count	-	26	-	1	16	3	3	-	49
OS36	PL missed	-	0	-	0	0	0	0	-	0
	%missed	-	0.0	-	0.0	0.0	0.0	0.0	-	0.0
LB1418	UM count	-	15	7	-	-	-	71	-	93
OS37	PL missed	-	0	0	-	-	-	0	-	0
	%missed	-	0.0	0.0	-	-	-	0.0	-	0.0
LB1419	UM count	3	20	-	-	-	-	2	1	26
OS35	PL missed	0	0	-	-	-	-	0	0	0
	%missed	0.0	0.0	-	-	-	-	0.0	0.0	0.0
LB1419	UM count	8	13	-	-	-	-	4	-	25
OS36	PL missed	0	0	-	-	-	-	0	-	0
	%missed	0.0	0.0	-	-	-	-	0.0	-	0.0
LB1419	UM count	-	132	33	-	5	2	3	15	190
OS37	PL missed	-	3	0	-	0	0	2	0	5
	%missed	-	2.3	0.0	-	0.0	0.0	66.7	0.0	2.6
LB1420	UM count	9	1203	19	1	97	-	63	1	1393
OS35	PL missed	0	52	1	0	3	-	15	0	71
	%missed	0.0	4.3	5.3	0.0	3.1	-	23.8	0.0	5.1
LB1420	UM count	-	33	785	-	3	-	-	-	821
OS36	PL missed	-	0	0	-	0	-	-	-	0
	%missed	-	0.0	0.0	-	0.0	-	-	-	0.0
LB1420	UM count	-	158	197	-	-	-	83	-	438
OS37	PL missed	-	5	3	-	-	-	6	-	14
	%missed	-	3.2	1.5	-	-	-	7.2	-	3.2
LB1421	UM count	8	175	-	1	7	11	12	7	221
OS35	PL missed	1	12	-	0	3	1	2	0	19
	%missed	12.5	6.9	-	0.0	42.9	9.1	16.7	0.0	8.6
LB1421	UM count	-	214	-	-	1	-	-	165	380
OS36	PL missed	-	1	-	-	0	-	-	2	3
	%missed	-	0.5	-	-	0.0	-	-	1.2	0.8
LB1421	UM count	-	23	-	-	-	23	98	2	146
OS37	PL missed	-	3	-	-	-	0	22	0	25
	%missed	-	13.0	-	-	-	0.0	22.4	0.0	17.1

Table 2. Comparison of the efficiency of extraction of fauna by the participating laboratories for the major taxonomic groups present in Own Samples (OS35-37).

LabCode		Nemertea	Polychaeta	Oligochaeta	Chelicerata	Crustacea	Echinodermata	Mollusca	Other	Overall
LB1422	UM count	5	104	-	-	21	145	166	31	472
OS35	PL missed	0	1	-	-	3	4	12	5	25
	%missed	0.0	1.0	-	-	14.3	2.8	7.2	16.1	5.3
LB1422	UM count	4	142	1	-	18	194	39	6	404
OS36	PL missed	0	2	0	-	5	4	0	2	13
	%missed	0.0	1.4	0.0	-	27.8	2.1	0.0	33.3	3.2
LB1422	UM count	1	40	-	-	10	16	8	3	78
OS37	PL missed	0	0	-	-	0	0	0	0	0
	%missed	0.0	0.0	-	-	0.0	0.0	0.0	0.0	0.0
LB1423	UM count	-	53	-	-	3	55	77	1	189
OS35	PL missed	-	2	-	-	0	0	0	0	2
	%missed	-	3.8	-	-	0.0	0.0	0.0	0.0	1.1
LB1423	UM count	-	32	-	-	2	5	9	2	50
OS36	PL missed	-	0	-	-	0	0	0	0	0
	%missed	-	0.0	-	-	0.0	0.0	0.0	0.0	0.0
LB1423	UM count	-	6	-	-	3	-	2	-	11
OS37	PL missed	-	0	-	-	0	-	0	-	0
	%missed	-	0.0	-	-	0.0	-	0.0	-	0.0
LB1424	UM count	-	133	144	-	158	-	13	96	544
OS35	PL missed	-	0	0	-	4	-	0	2	6
	%missed	-	0.0	0.0	-	2.5	-	0.0	2.1	1.1
LB1424	AE count	-	495	55	-	13	-	137	-	700
OS36	UM missed	-	1	1	-	0	-	0	-	2
	%missed	-	0.2	1.8	-	0.0	-	0.0	-	0.3
LB1424	AE count	-	594	43	-	39	2	78	56	812
OS37	UM missed	-	1	0	-	0	0	0	0	1
	%missed	-	0.2	0.0	-	0.0	0.0	0.0	0.0	0.1
LB1425	UM count	25	218	128	-	10	34	101	170	686
OS35	PL missed	0	0	0	-	0	0	7	1	8
	%missed	0.0	0.0	0.0	-	0.0	0.0	6.9	0.6	1.2
LB1425	UM count	6	83	5	-	27	2	3	2	128
OS36	PL missed	0	0	0	-	1	1	0	0	2
	%missed	0.0	0.0	0.0	-	3.7	50.0	0.0	0.0	1.6
LB1425	UM count	-	20	7	-	9	17	27	2	82
OS37	PL missed	-	1	0	-	0	0	1	1	3
	%missed	-	5.0	0.0	-	0.0	0.0	3.7	50.0	3.7
LB1426	AE count	-	3	-	-	8	-	-	-	11
OS35	UM missed	-	0	-	-	0	-	-	-	0
	%missed	-	0.0	-	-	0.0	-	-	-	0.0
LB1426	AE count	-	44	97	-	2	-	37	1	181
OS36	UM missed	-	0	0	-	0	-	0	0	0
	%missed	-	0.0	0.0	-	0.0	-	0.0	0.0	0.0
LB1426	AE count	-	4	-	-	12	-	8	-	24
OS37	UM missed	-	0	-	-	0	-	0	-	0
	%missed	-	0.0	-	-	0.0	-	0.0	-	0.0
LB1427	UM count	-	1148	67	-	-	-	28	-	1243
OS35	PL missed	-	0	0	-	-	-	0	-	0
	%missed	-	0.0	0.0	-	-	-	0.0	-	0.0
LB1427	UM count	-	575	90	-	-	-	13	46	724
OS36	PL missed	-	1	0	-	-	-	0	0	1
	%missed	-	0.2	0.0	-	-	-	0.0	0.0	0.1
LB1427	UM count	-	2	-	-	-	-	1	-	3
OS37	PL missed	-	0	-	-	-	-	0	-	0
	%missed	-	0.0	-	-	-	-	0.0	-	0.0

Table 2. Comparison of the efficiency of extraction of fauna by the participating laboratories for the major taxonomic groups present in Own Samples (OS35-37).

LabCode		Nemertea	Polychaeta	Oligochaeta	Chelicerata	Crustacea	Echinodermata	Mollusca	Other	Overall
LB1428	UM count	-	-	-	-	-	-	-	-	0
OS35	PL missed	-	-	-	-	-	-	-	-	0
	%missed	-	-	-	-	-	-	-	-	-
LB1428	UM count	-	-	-	-	-	-	-	-	0
OS36	PL missed	-	-	-	-	-	-	-	-	0
	%missed	-	-	-	-	-	-	-	-	-
LB1428	UM count	-	-	-	-	-	-	-	-	0
OS37	PL missed	-	-	-	-	-	-	-	-	0
	%missed	-	-	-	-	-	-	-	-	-
LB1429	UM count	2	31	2	-	10	3	12	31	91
OS35	PL missed	1	11	0	-	1	0	9	3	25
	%missed	50.0	35.5	0.0	-	10.0	0.0	75.0	9.7	27.5
LB1429	UM count	-	6	-	-	-	-	15	-	21
OS36	PL missed	-	5	-	-	-	-	13	-	18
	%missed	-	83.3	-	-	-	-	86.7	-	85.7
LB1429	UM count	-	282	-	-	5	18	3	2	310
OS37	PL missed	-	18	-	-	0	0	0	1	19
	%missed	-	6.4	-	-	0.0	0.0	0.0	50.0	6.1
LB1430	UM count	2	95	-	-	8	4	116	39	264
OS35	PL missed	0	1	-	-	0	0	1	2	4
	%missed	0.0	1.1	-	-	0.0	0.0	0.9	5.1	1.5
LB1430	UM count	1	58	-	1	54	65	63	24	266
OS36	PL missed	1	0	-	0	1	1	3	0	6
	%missed	100.0	0.0	-	0.0	1.9	1.5	4.8	0.0	2.3
LB1430	UM count	-	45	-	-	-	-	2	-	47
OS37	PL missed	-	0	-	-	-	-	0	-	0
	%missed	-	0.0	-	-	-	-	0.0	-	0.0
LB1431	UM count	-	121	2	-	1	-	4	30	158
OS35	PL missed	-	1	0	-	0	-	2	1	4
	%missed	-	0.8	0.0	-	0.0	-	50.0	3.3	2.5
LB1431	UM count	-	82	-	-	1	-	16	3	102
OS36	PL missed	-	1	-	-	1	-	0	1	3
	%missed	-	1.2	-	-	100.0	-	0.0	33.3	2.9
LB1431	UM count	-	29	1	-	16	-	19	21	86
OS37	PL missed	-	2	0	-	3	-	1	0	6
	%missed	-	6.9	0.0	-	18.8	-	5.3	0.0	7.0
LB1432	UM count	-	-	-	-	-	-	-	-	0
OS35	PL missed	-	-	-	-	-	-	-	-	0
	%missed	-	-	-	-	-	-	-	-	-
LB1432	UM count	-	-	-	-	-	-	-	-	0
OS36	PL missed	-	-	-	-	-	-	-	-	0
	%missed	-	-	-	-	-	-	-	-	-
LB1432	UM count	-	-	-	-	-	-	-	-	0
OS37	PL missed	-	-	-	-	-	-	-	-	0
	%missed	-	-	-	-	-	-	-	-	-

Key: PL - participating laboratory

UM - Unicomarine Ltd.

AE- Aquatic Environments (External Auditor)

"-" - No data.

Table 3. Summary of mis-identified taxa in the Own Sample Module (OS35 - 37) (erroneous identifications in brackets).

LabCode	OS	Taxonomic		Major Taxonomic Group					
		Errors		Polychaeta	Oligochaeta	Mollusca	Crustacea	Echinodermata	Other
LB1401	OS35	0	-	-	-	-	-	-	-
LB1401	OS36	0	-	-	-	-	-	-	-
LB1401	OS37	1	-	-	<i>Limnodrilus</i> sp. (<i>Tubificoides pseudogaster</i> agg.)	-	-	-	-
LB1402	OS35	1	-	-	-	<i>Abra nitida</i> (<i>A. alba</i>)	-	-	-
LB1402	OS36	1	-	-	-	<i>Aequipecten opercularis</i> juv. (<i>Chlamys varias</i>)	-	-	-
LB1402	OS37	5	<i>Goniada pallida</i> (<i>G. maculata</i>)	-	-	<i>Abra nitida</i> (<i>A. alba</i>) <i>Montacuta substriata</i> (<i>Mysella bidentata</i>) <i>Myrtea spinifera</i> (<i>Chamelea striatula</i>)	<i>Diasyllis lucifera</i> (<i>D. rugosa</i>)	-	-
LB1403	OS35	0	-	-	-	-	-	-	-
LB1403	OS36	2	<i>Nephtys kersivalensis</i> (<i>N. hombergii</i>) <i>Chaetozone christiei</i> (<i>C. setosa</i>)	-	-	-	-	-	-
LB1403	OS37	2	<i>Spio decorata</i> (<i>Minuspio multibranchiata</i>) <i>Magelona johnstoni</i> (<i>M. mirabilis</i>)	-	-	-	-	-	-
LB1404	OS35	0	-	-	-	-	-	-	-
LB1404	OS36	0	-	-	-	-	-	-	-
LB1404	OS37	1	-	-	-	-	-	-	<i>Obelia dichotoma</i> (<i>Fesicularia spinosa</i>)
LB1405	OS35	0	-	-	-	-	-	-	-
LB1405	OS36	5	<i>Lagis koreni</i> (<i>Amphitene auricoma</i>) <i>Glycera unicornis</i> (<i>G. rouxii</i>) <i>Mediomastus fragilis</i> (<i>Capitella capitata</i>)	-	-	-	<i>Leucothoe liljeborgi</i> (<i>L. incisa</i>)	-	<i>Thysanocardia procera</i> (<i>Golfingia</i> sp.)
LB1405	OS37	1	<i>Nephtys kersivalensis</i> (<i>N. hombergii</i>)	-	-	-	-	-	-
LB1406	OS35	1	<i>Nephtys hombergii</i> (<i>N. assimilis</i>)	-	-	-	-	-	-
LB1406	OS36	1	-	-	-	<i>Thracia convexa</i> juv. (<i>T. villosuscula</i>)	-	-	-
LB1406	OS37	2	<i>Syllides</i> sp. (<i>Pionosyllis</i> sp.)	-	-	<i>Spisula subtruncata</i> (<i>S. elliptica</i>)	-	-	-
LB1407	OS35	0	-	-	-	-	-	-	-
LB1407	OS36	0	-	-	-	-	-	-	-
LB1407	OS37	0	-	-	-	-	-	-	-
LB1408	OS35	0	-	-	-	-	-	-	-
LB1408	OS36	1	-	-	<i>Tubificoides benedii</i> (<i>T. galiciensis</i>)	-	-	-	-
LB1408	OS37	0	-	-	-	-	-	-	-
LB1409	OS35	0	-	-	-	-	-	-	-
LB1409	OS36	3	<i>Sigalion mathildae</i> (<i>S. squamosus</i>) <i>Chaetozone christiei</i> (<i>C. setosa</i>)	-	-	-	<i>Bathyporeia elegans</i> (<i>B. gracilis</i>)	-	-
LB1409	OS37	2	<i>Chaetozone christiei</i> (<i>C. setosa</i>)	-	-	<i>Spisula</i> sp. juv. (<i>Astartidae</i> juv?)	-	-	-
LB1410	OS35	0	-	-	-	-	-	-	-
LB1410	OS36	0	-	-	-	-	-	-	-
LB1410	OS37	0	-	-	-	-	-	-	-
LB1411	OS35	1	<i>Pholoe assimilis</i> (<i>P. inornata</i>)	-	-	-	-	-	-
LB1411	OS36	3	-	-	-	<i>Abra nitida</i> (<i>A. alba</i>) <i>Chamelea striatula</i> (<i>Circomphalus casina</i> juv?)	-	<i>Cucumariidae</i> juv. (<i>Leptosynapia</i> juv.)	-
LB1411	OS37	4	<i>Anaitides longipes</i> (<i>A. groenlandica</i>)	-	-	<i>Haedropleura septangularis</i> (<i>Mangelia coarctica</i>) <i>Moerella pygmaea</i> (<i>Tapes rhomboides</i>)	<i>Sarsinebailia nyphlops</i> (<i>Nebailia bipes</i>)	-	-
LB1412	OS35	0	-	-	-	-	-	-	-
LB1412	OS36	0	-	-	-	-	-	-	-
LB1412	OS37	0	-	-	-	-	-	-	-
LB1416	OS35	0	-	-	-	-	-	-	-
LB1416	OS36	0	-	-	-	-	-	-	-
LB1416	OS37	0	-	-	-	-	-	-	-
LB1417	OS35	0	-	-	-	-	-	-	-
LB1417	OS36	0	-	-	-	-	-	-	-
LB1417	OS37	0	-	-	-	-	-	-	-
LB1418	OS35	0	-	-	-	-	-	-	-
LB1418	OS36	0	-	-	-	-	-	-	-
LB1418	OS37	0	-	-	-	-	-	-	-
LB1419	OS35	0	-	-	-	-	-	-	-

Table 3. Summary of mis-identified taxa in the Own Sample Module (OS35 - 37) (erroneous identifications in brackets).

LabCode	OS	Taxonomic		Major Taxonomic Group						
		Errors		Polychaeta	Oligochaeta	Mollusca	Crustacea	Echinodermata	Other	
LB1419	OS36	0	-	-	-	-	-	-	-	-
LB1419	OS37	0	-	-	-	-	-	-	-	-
LB1420	OS35	6	<i>Eumida bahusiensis</i> (<i>E. sanguinea</i>) <i>Spio filicornis</i> (<i>S. decorata</i>) <i>Caulleliella alata</i> (<i>C. bioculata</i>)	-	-	<i>Abra nitida</i> (Tapetinae juv. indet.) <i>Venerupis senegalensis</i> (<i>Tapes rhomboides</i>) <i>Cerastoderma edule</i> juv. (<i>Parvicardium</i> indet.)	-	-	-	-
LB1420	OS36	1	<i>Manayunkia aestuarina</i> (<i>Paranis litoralis</i>)	-	-	-	-	-	-	-
LB1420	OS37	3	<i>Pygospio elegans</i> (<i>Polydora cornuta</i>)	-	-	<i>Cerastoderma edule</i> juv. (<i>Parvicardium ovale</i>) <i>Tapes philippinarum</i> juv. (<i>Timoclea ovata</i>)	-	-	-	-
LB1421	OS35	15	<i>Chaetozone</i> sp. D (<i>C. christiei</i>) <i>Chaetozone</i> sp. D (<i>Tharyx</i> sp.) <i>Jasmineira caudata</i> (<i>Chone filicaudata</i>) <i>Glycera alba</i> (<i>G. tridactyla</i>) <i>Ampharete lindstroemi</i> (<i>Amphicteis gunneri</i>) <i>Paradonets</i> sp. #2 (<i>Paraonides</i> sp.) <i>Clymenura</i> sp. (<i>Rhodine</i> sp.) <i>Euclymene oerstedii</i> (<i>Praxillella affinis</i>) <i>Syllides</i> sp. (<i>Streptosyllis</i> sp.) <i>Praxillella affinis</i> #1 (<i>Praxillella praetermissa</i>) <i>Praxillella affinis</i> (<i>Clymenura</i> sp.) <i>Praxillella affinis</i> (<i>Euclymene</i> sp.)	-	-	<i>Mangelia brachystoma</i> (<i>Raphitoma</i> sp.)	-	<i>Amphipolis squamata</i> (<i>Amphiura chiajei</i>)	<i>Golfingia elongata</i> (<i>Thysanocardia procera</i>)	
LB1421	OS36	0	-	-	-	-	-	-	-	-
LB1421	OS37	6	<i>Tharyx killariensis</i> (<i>Chaetozone</i> sp.) <i>Tharyx killariensis</i> (<i>Monticellina</i> sp.) <i>Chaetozone zetlandica</i> (<i>C. setosa</i>)	-	-	<i>Nucula nitidosa</i> (<i>N. sulcata</i>) <i>Mysia undata</i> (<i>Gouldia minima</i>) <i>Chamelea striatula</i> (<i>C. gallina</i>)	-	-	-	-
LB1422	OS35	4	-	-	-	<i>Ennucula tenuis</i> (<i>Nucula nitidosa</i>) <i>Adontorhina similis</i> (<i>Mendicula pygmaea</i>) <i>Acanthocardia echinata</i> (<i>A. tuberculata</i>)	-	-	-	<i>Cribrilina punctata</i> (<i>Schizoporella</i> sp.1)
LB1422	OS36	3	<i>Cirratulus incernus</i> ? (<i>Cirratulus</i> sp.A)	-	-	<i>Aclis minor</i> (<i>Hemiaclis ventrosa</i>)	<i>Hemilamprops rosea</i> (<i>Diastylidae</i> indet.)	-	-	-
LB1422	OS37	5	-	-	-	<i>Falcidens crossotus</i> (<i>Chaetoderma nitidulum</i>) <i>Polygireulima polita</i> (<i>Polygireulima monterosatoi</i>) <i>Ennucula tenuis</i> (<i>Nucula nitidosa</i>) <i>Thracia convexa</i> (<i>T. phaseolina</i>)	<i>Pontocrates arcticus</i> (<i>P. altamarinus</i>)	-	-	-
LB1423	OS35	0	-	-	-	-	-	-	-	-
LB1423	OS36	0	-	-	-	-	-	-	-	-
LB1423	OS37	0	-	-	-	-	-	-	-	-
LB1424	OS35	4	<i>Microspio</i> sp. (<i>Spio decorata</i>)	<i>Tubificoides pseudogaster</i> agg. (<i>Capitella capitata</i>)	-	-	<i>Phthisica marina</i> (<i>Pariambus typicus</i>)	-	-	<i>Phoronis</i> sp. (<i>Edwardia</i> sp.)
LB1424	OS36	0	-	-	-	-	-	-	-	-
LB1424	OS37	0	-	-	-	-	-	-	-	-
LB1425	OS35	1	-	-	-	<i>Philine</i> sp. (<i>Diaphana minuta</i>)	-	-	-	-
LB1425	OS36	0	-	-	-	-	-	-	-	-
LB1425	OS37	0	-	-	-	-	-	-	-	-
LB1426	OS35	0	-	-	-	-	-	-	-	-
LB1426	OS36	0	-	-	-	-	-	-	-	-
LB1426	OS37	0	-	-	-	-	-	-	-	-
LB1427	OS35	1	-	-	-	<i>Nucula nucleus</i> (<i>N. nitidosa</i>)	-	-	-	-
LB1427	OS36	0	-	-	-	-	-	-	-	-
LB1427	OS37	0	-	-	-	-	-	-	-	-
LB1429	OS35	0	-	-	-	-	-	-	-	-
LB1429	OS36	1	-	-	-	<i>Spisula solida</i> (<i>S. elliptica</i>)	-	-	-	-
LB1429	OS37	0	-	-	-	-	-	-	-	-
LB1430	OS35	2	<i>Goniada maculata</i> (<i>Hypereteone foliosa</i>)	-	-	<i>Chamelea striatula</i> (<i>C. gallina</i>)	-	-	-	-
LB1430	OS36	5	<i>Praxillella affinis</i> (<i>Euclymene oerstedii</i>) <i>Praxillella affinis</i> (<i>Praxillella gracilis</i>)	-	-	<i>Onoba semicostata</i> (<i>O. aculeus</i>) <i>Parvicardium ovale</i> (<i>P. scabrum</i>)	<i>Tryphosella</i> sp. (<i>Tryphosella horingi</i>)	-	-	-
LB1430	OS37	1	<i>Goniada maculata</i> (<i>Goniadella gracilis</i>)	-	-	-	-	-	-	-
LB1431	OS35	1	-	-	-	<i>Mytilus edulis</i> juv. (<i>Modiolus modiolus</i>)	-	-	-	-

Table 3. Summary of mis-identified taxa in the Own Sample Module (OS35 - 37) (erroneous identifications in brackets).

LabCode	OS	Taxonomic	Major Taxonomic Group					
		Errors	Polychaeta	Oligochaeta	Mollusca	Crustacea	Echinodermata	Other
LB1431	OS36	2	<i>Eumida bahusiensis (E. sanguinea)</i>	-	<i>Thyasira flexuosa (Lucinoma borealis)</i>	-	-	-
LB1431	OS37	4	-	-	<i>Lucinoma borealis (Dositia lupinus)</i> <i>Mytilus edulis</i> juv. (<i>Modiolus modiolus</i>)	<i>Autonoe longipes</i> (Isaedae) Aoridae female (<i>Photis longicaudata</i>)	-	-
Total		102	43	3	39	10	2	5

Table 4. Comparison of the estimates of biomass made by the participating laboratories with those made by Unicomarine Ltd. for the major taxonomic groups present in samples OS35-OS37.

LabCode		Sample OS35								Overall
		Nemertea	Polychaeta	Oligochaeta	Chelicerata	Crustacea	Echinodermata	Mollusca	Other	
LB1401	PL	-	0.3428	-	0.0199	0.0071	1.2729	0.3360	0.6585	2.6372
	UM	-	0.2537	-	0.0156	0.0064	1.1660	0.3037	0.5044	2.2498
	%diff.	-	26.0	-	21.6	9.9	8.4	9.6	23.4	14.7
LB1402	PL	-	0.9173	-	-	-	0.2830	1.7336	-	2.9339
	UM	-	0.8009	-	-	-	0.2675	1.8080	-	2.8764
	%diff.	-	12.7	-	-	-	5.5	-4.3	-	2.0
LB1403	PL	-	0.99922	-	-	0.00002	0.44614	0.05697	0.10983	1.61218
	UM	-	0.9291	-	-	0.0013	0.5905	0.0650	0.0524	1.6383
	%diff.	-	7.0	-	-	-6400.0	-32.4	-14.1	52.3	-1.6
LB1404	UM	0.0232	8.2624	0.0643	0.0076	3.2945	1.1821	18.6870	4.6577	36.1788
	AE	0.0216	6.2485	0.0625	0.0071	3.3027	1.1903	18.8053	4.5192	34.1572
	%diff.	6.9	24.4	2.8	6.6	-0.2	-0.7	-0.6	3.0	5.6
LB1405	PL	0.00001	1.03321	0.00002	-	0.06772	-	0.00066	0.00002	1.10164
	UM	0.0001	0.6783	0.0002	-	0.0580	-	0.0007	0.0002	0.7375
	%diff.	-900.0	34.4	-900.0	-	14.4	-	-6.1	-900.0	33.1
LB1406	PL	-	-	-	-	-	-	-	-	0.0000
	UM	-	-	-	-	-	-	-	-	0.0000
	%diff.	-	-	-	-	-	-	-	-	-
LB1407	UM	-	0.2066	0.0001	0.0001	0.0359	0.4716	0.6771	0.0001	1.3915
	AE	-	0.1888	0.0001	0.0001	0.0337	0.4962	0.6860	0.0001	1.4050
	%diff.	-	8.6	0.0	0.0	6.1	-5.2	-1.3	0.0	-1.0
LB1408	PL	-	-	-	-	-	-	-	-	0.0000
	UM	-	-	-	-	-	-	-	-	0.0000
	%diff.	-	-	-	-	-	-	-	-	-
LB1409	PL	-	-	-	-	-	-	-	-	0.0000
	UM	-	-	-	-	-	-	-	-	0.0000
	%diff.	-	-	-	-	-	-	-	-	-
LB1410	PL	-	-	-	-	-	-	-	-	0.0000
	UM	-	-	-	-	-	-	-	-	0.0000
	%diff.	-	-	-	-	-	-	-	-	-
LB1411	PL	-	-	-	-	-	-	-	-	0.0000
	UM	-	-	-	-	-	-	-	-	0.0000
	%diff.	-	-	-	-	-	-	-	-	-
LB1412	PL	-	-	-	-	0.0291	-	-	-	0.0291
	UM	-	-	-	-	0.0298	-	-	-	0.0298
	%diff.	-	-	-	-	-2.4	-	-	-	-2.4
LB1413	PL	-	-	-	-	-	-	-	-	0.0000
	UM	-	-	-	-	-	-	-	-	0.0000
	%diff.	-	-	-	-	-	-	-	-	-
LB1416	UM	-	6.9143	0.0064	0.0002	-	-	0.0077	0.0046	6.9332
	AE	-	6.7018	0.0056	0.0002	-	-	0.0073	0.0034	6.7183
	%diff.	-	3.1	12.5	0.0	-	-	5.2	26.1	3.1
LB1417	PL	-	0.0053	0.0001	-	0.0001	-	0.0879	-	0.0934
	UM	-	0.0051	0.0001	-	0.0001	-	0.0875	-	0.0928
	%diff.	-	3.8	0.0	-	0.0	-	0.5	-	0.6
LB1418	PL	0.0010	0.0962	-	-	0.0101	0.0105	0.3003	0.0001	0.4182
	UM	0.0010	0.0958	-	-	0.0124	0.0116	0.3044	0.0001	0.4253
	%diff.	0.0	0.4	-	-	-22.8	-10.5	-1.4	0.0	-1.7

Table 4. Comparison of the estimates of biomass made by the participating laboratories with those made by Unicomarine Ltd. for the major taxonomic groups present in samples OS35-OS37.

LabCode		Sample OS35							Overall	
		Nemertea	Polychaeta	Oligochaeta	Chelicerata	Crustacea	Echinodermata	Mollusca		Other
LB1419	PL	-	-	-	-	-	-	-	-	0.0000
	UM	-	-	-	-	-	-	-	-	0.0000
	%diff.	-	-	-	-	-	-	-	-	-
LB1420	PL	0.008	3.320	0.004	0.001	0.054	-	10.612	0.008	14.007
	UM	0.0011	2.5219	0.0010	0.0001	0.0194	-	10.5384	0.0006	13.0825
	%diff.	86.3	24.0	75.0	90.0	64.1	-	0.7	92.5	6.6
LB1421	PL	0.0107	0.7157	-	0.0005	0.0027	0.5177	0.7670	0.1793	2.1936
	UM	0.0098	0.6080	-	0.0005	0.0011	0.4762	0.8185	0.1548	2.0689
	%diff.	8.4	15.0	-	0.0	59.3	8.0	-6.7	13.7	5.7
LB1422	PL	-	-	-	-	-	-	-	-	0.0000
	UM	-	-	-	-	-	-	-	-	0.0000
	%diff.	-	-	-	-	-	-	-	-	-
LB1423	PL	-	0.1767	-	-	0.0011	0.3197	2.0843	0.0065	2.5883
	UM	-	0.1407	-	-	0.0005	0.2802	2.1972	0.0064	2.6250
	%diff.	-	20.4	-	-	54.5	12.4	-5.4	1.5	-1.4
LB1424	PL	-	0.0489	0.0148	-	0.0111	-	0.0037	0.5085	0.5870
	UM	-	0.0392	0.0124	-	0.0112	-	0.0031	0.4227	0.4886
	%diff.	-	19.8	16.2	-	-0.9	-	16.2	16.9	16.8
LB1425	PL	-	-	-	-	-	-	-	-	0.0000
	UM	-	-	-	-	-	-	-	-	0.0000
	%diff.	-	-	-	-	-	-	-	-	-
LB1426	UM	-	0.0012	-	-	0.0068	-	-	-	0.0080
	AE	-	0.0010	-	-	0.0071	-	-	-	0.0081
	%diff.	-	16.7	-	-	-4.4	-	-	-	-1.2
LB1427	PL	-	-	-	-	-	-	-	-	0.0000
	UM	-	-	-	-	-	-	-	-	0.0000
	%diff.	-	-	-	-	-	-	-	-	-
LB1428	PL	-	-	-	-	-	-	-	-	0.0000
	UM	-	-	-	-	-	-	-	-	0.0000
	%diff.	-	-	-	-	-	-	-	-	-
LB1429	PL	0.0010	0.1882	0.0004	-	0.1485	0.4037	0.0183	5.7337	6.4938
	UM	0.0020	0.1389	0.0004	-	0.0373	0.3666	0.0175	4.6394	5.2021
	%diff.	-100.0	26.2	0.0	-	74.9	9.2	4.4	19.1	19.9
LB1430	PL	-	-	-	-	-	-	-	-	0.0000
	UM	-	-	-	-	-	-	-	-	0.0000
	%diff.	-	-	-	-	-	-	-	-	-
LB1431	PL	-	-	-	-	-	-	-	-	0.0000
	UM	-	-	-	-	-	-	-	-	0.0000
	%diff.	-	-	-	-	-	-	-	-	-
LB1432	PL	-	-	-	-	-	-	-	-	0.0000
	UM	-	-	-	-	-	-	-	-	0.0000
	%diff.	-	-	-	-	-	-	-	-	-

Key: PL - participating laboratory
 UM - Unicomarine Ltd.
 AE- Aquatic Environments (External Auditor)
 "-" - No data.

Table 4. Comparison of the estimates of biomass made by the participating laboratories with those made by Unicmarine Ltd. for the major taxonomic groups present in samples OS35-OS37.

LabCode		Sample OS36								Overall
		Nemertea	Polychaeta	Oligochaeta	Chelicerata	Crustacea	Echinodermata	Mollusca	Other	
LB1401	PL	-	-	-	-	-	-	-	-	0.0000
	UM	-	-	-	-	-	-	-	-	0.0000
	%diff.	-	-	-	-	-	-	-	-	-
LB1402	PL	0.0222	1.3887	-	-	0.0140	0.0005	31.0239	0.9543	33.4036
	UM	0.0201	1.2743	-	-	0.0129	0.0172	29.1238	0.9244	31.3727
	%diff.	9.5	8.2	-	-	7.9	-3340.0	6.1	3.1	6.1
LB1403	PL	0.03269	0.07045	-	-	0.03741	0.12154	0.00219	2.00468	2.26896
	UM	0.0296	0.0641	-	-	0.0364	0.1321	0.0031	1.7943	2.0596
	%diff.	9.5	9.0	-	-	2.7	-8.7	-41.6	10.5	9.2
LB1404	UM	-	6.5646	-	0.0004	0.4299	0.8981	10.7957	0.5122	19.2009
	AE	-	6.6769	-	0.0004	0.4499	0.8948	10.9830	0.5258	19.5308
	%diff.	-	-1.7	-	0.0	-4.7	0.4	-1.7	-2.7	-1.7
LB1405	PL	0.00920	1.46864	-	-	0.42183	0.00001	0.70189	0.13724	2.73881
	UM	0.0095	1.4487	-	-	0.4286	0.0001	0.6752	0.1040	2.6661
	%diff.	-3.3	1.4	-	-	-1.6	-900.0	3.8	24.2	2.7
LB1406	PL	-	-	-	-	-	-	-	-	0.0000
	UM	-	-	-	-	-	-	-	-	0.0000
	%diff.	-	-	-	-	-	-	-	-	-
LB1407	UM	-	0.0236	-	-	1.4562	8.2767	0.0020	-	9.7585
	AE	-	0.0230	-	-	1.6826	5.0020	0.0020	-	6.7096
	%diff.	-	2.5	-	-	-15.5	39.6	0.0	-	31.2
LB1408	PL	-	-	-	-	-	-	-	-	0.0000
	UM	-	-	-	-	-	-	-	-	0.0000
	%diff.	-	-	-	-	-	-	-	-	-
LB1409	PL	-	-	-	-	-	-	-	-	0.0000
	UM	-	-	-	-	-	-	-	-	0.0000
	%diff.	-	-	-	-	-	-	-	-	-
LB1410	PL	-	-	-	-	-	-	-	-	0.0000
	UM	-	-	-	-	-	-	-	-	0.0000
	%diff.	-	-	-	-	-	-	-	-	-
LB1411	PL	-	-	-	-	-	-	-	-	0.0000
	UM	-	-	-	-	-	-	-	-	0.0000
	%diff.	-	-	-	-	-	-	-	-	-
LB1412	PL	-	0.3844	-	-	-	-	1.8848	-	2.2692
	UM	-	0.3303	-	-	-	-	1.6894	-	2.0197
	%diff.	-	14.1	-	-	-	-	10.4	-	11.0
LB1413	PL	-	-	-	-	-	-	-	-	0.0000
	UM	-	-	-	-	-	-	-	-	0.0000
	%diff.	-	-	-	-	-	-	-	-	-
LB1416	UM	-	0.9655	0.0184	-	0.0022	-	0.0015	0.0001	0.9877
	AE	-	0.9001	0.0196	-	0.0020	-	0.0015	0.0001	0.9233
	%diff.	-	6.8	-6.5	-	9.1	-	0.0	0.0	6.5
LB1417	PL	-	0.0679	0.0002	-	0.0085	-	0.1240	-	0.2006
	UM	-	0.0501	0.0002	-	0.0079	-	0.1293	-	0.1875
	%diff.	-	26.2	0.0	-	7.1	-	-4.3	-	6.5
LB1418	PL	-	0.1005	-	0.0005	0.0127	0.0002	0.1076	-	0.2215
	UM	-	0.0860	-	0.0008	0.0115	0.0007	0.1067	-	0.2057
	%diff.	-	14.4	-	-60.0	9.4	-250.0	0.8	-	7.1

Table 4. Comparison of the estimates of biomass made by the participating laboratories with those made by Unicomarine Ltd. for the major taxonomic groups present in samples OS35-OS37.

		Sample OS36								
LabCode		Nemertea	Polychaeta	Oligochaeta	Chelicerata	Crustacea	Echinodermata	Mollusca	Other	Overall
LB1419	PL	-	-	-	-	-	-	-	-	0.0000
	UM	-	-	-	-	-	-	-	-	0.0000
	%diff.	-	-	-	-	-	-	-	-	-
LB1420	PL	-	1.886	0.312	-	0.000	-	-	-	2.198
	UM	-	1.2418	0.3499	-	0.0003	-	-	-	1.5920
	%diff.	-	34.2	-12.1	-	-	-	-	-	27.6
LB1421	PL	-	3.4344	-	-	0.0435	-	-	0.0669	3.5448
	UM	-	3.1758	-	-	0.0543	-	-	0.0765	3.3066
	%diff.	-	7.5	-	-	-24.8	-	-	-14.3	6.7
LB1422	PL	-	-	-	-	-	-	-	-	0.0000
	UM	-	-	-	-	-	-	-	-	0.0000
	%diff.	-	-	-	-	-	-	-	-	-
LB1423	PL	-	0.1890	-	-	0.0299	0.0730	0.0554	0.0090	0.3563
	UM	-	0.2026	-	-	0.0440	0.0797	0.0557	0.0101	0.3921
	%diff.	-	-7.2	-	-	-47.2	-9.2	-0.5	-12.2	-10.0
LB1424	UM	-	0.2452	0.0026	-	0.0255	-	0.0508	-	0.3241
	AE	-	0.2462	0.0026	-	0.0211	-	0.0479	-	0.3178
	%diff.	-	-0.4	0.0	-	17.3	-	5.7	-	1.9
LB1425	PL	-	-	-	-	-	-	-	-	0.0000
	UM	-	-	-	-	-	-	-	-	0.0000
	%diff.	-	-	-	-	-	-	-	-	-
LB1426	UM	-	0.0680	0.0107	-	0.0002	-	0.0092	0.0001	0.0882
	AE	-	0.0565	0.0087	-	0.0002	-	0.0068	0.0001	0.0723
	%diff.	-	16.9	18.7	-	0.0	-	26.1	0.0	18.0
LB1427	PL	-	-	-	-	-	-	-	-	0.0000
	UM	-	-	-	-	-	-	-	-	0.0000
	%diff.	-	-	-	-	-	-	-	-	-
LB1428	PL	-	-	-	-	-	-	-	-	0.0000
	UM	-	-	-	-	-	-	-	-	0.0000
	%diff.	-	-	-	-	-	-	-	-	-
LB1429	PL	-	0.0016	-	-	-	-	0.2609	-	0.2625
	UM	-	0.0014	-	-	-	-	0.2477	-	0.2491
	%diff.	-	12.5	-	-	-	-	5.1	-	5.1
LB1430	PL	-	-	-	-	-	-	-	-	0.0000
	UM	-	-	-	-	-	-	-	-	0.0000
	%diff.	-	-	-	-	-	-	-	-	-
LB1431	PL	-	-	-	-	-	-	-	-	0.0000
	UM	-	-	-	-	-	-	-	-	0.0000
	%diff.	-	-	-	-	-	-	-	-	-
LB1432	PL	-	-	-	-	-	-	-	-	0.0000
	UM	-	-	-	-	-	-	-	-	0.0000
	%diff.	-	-	-	-	-	-	-	-	-

Key: PL - participating laboratory
UM - Unicomarine Ltd.
AE- Aquatic Environments (External Auditor)
"- " - No data.

Table 4. Comparison of the estimates of biomass made by the participating laboratories with those made by Unicomarine Ltd. for the major taxonomic groups present in samples OS35-OS37.

LabCode		Sample OS37							Overall	
		Nemertea	Polychaeta	Oligochaeta	Chelicerata	Crustacea	Echinodermata	Mollusca		Other
LB1401	PL	-	0.0097	0.0045	-	-	-	0.2740	-	0.2882
	UM	-	0.0079	0.0026	-	-	-	0.2739	-	0.2844
	%diff.	-	18.6	42.2	-	-	-	0.0	-	1.3
LB1402	PL	0.0016	0.5626	-	-	0.0148	-	0.2221	-	0.8011
	UM	0.0014	0.4916	-	-	0.0104	-	0.2090	-	0.7124
	%diff.	12.5	12.6	-	-	29.7	-	5.9	-	11.1
LB1403	PL	-	3.75409	-	-	0.00940	0.02068	3.04574	0.00580	6.83571
	UM	-	2.0851	-	-	0.0083	0.0191	3.0239	0.0039	5.1403
	%diff.	-	44.5	-	-	11.7	7.6	0.7	32.8	24.8
LB1404	UM	-	0.0410	0.0076	-	0.0080	-	0.0441	0.0001	0.1008
	AE	-	0.0352	0.0049	-	0.0079	-	0.0406	0.0001	0.0887
	%diff.	-	14.1	35.5	-	1.2	-	7.9	0.0	12.0
LB1405	UM	0.0462	2.1168	-	0.0005	0.0405	0.6700	4.2996	0.0003	7.1739
	AE	0.0431	2.0471	-	0.0005	0.02791	0.6848	4.5389	0.0003	7.34261
	%diff.	6.7	3.3	-	0.0	31.1	-2.2	-5.6	0.0	-2.4
LB1406	PL	-	-	-	-	-	-	-	-	0.00000
	UM	-	-	-	-	-	-	-	-	0.0000
	%diff.	-	-	-	-	-	-	-	-	-
LB1407	UM	-	0.0483	-	-	0.4591	-	-	-	0.5074
	AE	-	0.0411	-	-	0.4639	-	-	-	0.5050
	%diff.	-	14.9	-	-	-1.0	-	-	-	0.5
LB1408	PL	-	-	-	-	-	-	-	-	0.0000
	UM	-	-	-	-	-	-	-	-	0.0000
	%diff.	-	-	-	-	-	-	-	-	-
LB1409	PL	-	-	-	-	-	-	-	-	0.0000
	UM	-	-	-	-	-	-	-	-	0.0000
	%diff.	-	-	-	-	-	-	-	-	-
LB1410	PL	-	-	-	-	-	-	-	-	0.0000
	UM	-	-	-	-	-	-	-	-	0.0000
	%diff.	-	-	-	-	-	-	-	-	-
LB1411	PL	-	-	-	-	-	-	-	-	0.0000
	UM	-	-	-	-	-	-	-	-	0.0000
	%diff.	-	-	-	-	-	-	-	-	-
LB1412	PL	-	0.2167	-	-	0.0345	-	0.0204	-	0.2716
	UM	-	0.1637	-	-	0.0205	-	0.0175	-	0.2017
	%diff.	-	24.5	-	-	40.6	-	14.2	-	25.7
LB1413	PL	-	-	-	-	-	-	-	-	0.0000
	UM	-	-	-	-	-	-	-	-	0.0000
	%diff.	-	-	-	-	-	-	-	-	-
LB1416	UM	1.0861	0.2900	0.0005	-	0.0001	0.0003	0.0331	-	1.4101
	AE	1.0593	0.3352	0.0005	-	0.0001	0.0003	0.0289	-	1.4243
	%diff.	2.5	-15.6	0.0	-	0.0	0.0	12.7	-	-1.0
LB1417	PL	-	0.6192	0.0069	-	-	-	0.5701	0.0001	1.1963
	UM	-	0.4357	0.0046	-	-	-	0.4562	0.0001	0.8966
	%diff.	-	29.6	33.3	-	-	-	20.0	0.0	25.1
LB1418	PL	-	0.0376	0.0002	-	-	-	0.2673	-	0.3051
	UM	-	0.0267	0.0002	-	-	-	0.2345	-	0.2614
	%diff.	-	29.0	0.0	-	-	-	12.3	-	14.3

Table 4. Comparison of the estimates of biomass made by the participating laboratories with those made by Unicomarine Ltd. for the major taxonomic groups present in samples OS35-OS37.

LabCode		Sample OS37							Overall	
		Nemertea	Polychaeta	Oligochaeta	Chelicerata	Crustacea	Echinodermata	Mollusca		Other
LB1419	PL	-	-	-	-	-	-	-	-	0.0000
	UM	-	-	-	-	-	-	-	-	0.0000
	%diff.	-	-	-	-	-	-	-	-	-
LB1420	PL	-	0.360	0.021	-	-	-	0.059	-	0.440
	UM	-	0.2780	0.0161	-	-	-	0.0823	-	0.3764
	%diff.	-	22.8	23.3	-	-	-	-39.5	-	14.5
LB1421	PL	-	0.1410	-	-	-	1.7170	9.2290	0.0015	11.0885
	UM	-	0.1206	-	-	-	1.4151	8.1597	0.0007	9.6961
	%diff.	-	14.5	-	-	-	17.6	11.6	53.3	12.6
LB1422	PL	-	-	-	-	-	-	-	-	0.0000
	UM	-	-	-	-	-	-	-	-	0.0000
	%diff.	-	-	-	-	-	-	-	-	-
LB1423	PL	-	0.0876	-	-	0.6845	-	0.0017	-	0.7738
	UM	-	0.0762	-	-	0.5638	-	0.0012	-	0.6412
	%diff.	-	13.0	-	-	17.6	-	29.4	-	17.1
LB1424	UM	-	1.4748	0.0021	-	0.0973	0.0013	4.1441	0.0117	5.7313
	AE	-	1.8868	0.0017	-	0.1016	0.0013	4.0592	0.0103	6.0609
	%diff.	-	-27.9	19.0	-	-4.4	0.0	2.0	12.0	-5.8
LB1425	PL	-	-	-	-	-	-	-	-	0.0000
	UM	-	-	-	-	-	-	-	-	0.0000
	%diff.	-	-	-	-	-	-	-	-	-
LB1426	UM	-	0.0044	-	-	0.0196	-	0.1764	-	0.2004
	AE	-	0.0064	-	-	0.0349	-	0.1773	-	0.2186
	%diff.	-	-45.5	-	-	-78.1	-	-0.5	-	-9.1
LB1427	PL	-	-	-	-	-	-	-	-	0.0000
	UM	-	-	-	-	-	-	-	-	0.0000
	%diff.	-	-	-	-	-	-	-	-	-
LB1428	PL	-	-	-	-	-	-	-	-	0.0000
	UM	-	-	-	-	-	-	-	-	0.0000
	%diff.	-	-	-	-	-	-	-	-	-
LB1429	PL	-	0.2142	-	-	0.0018	0.1912	0.0045	0.0068	0.4185
	UM	-	0.1711	-	-	0.0016	0.1970	0.0040	0.0060	0.3797
	%diff.	-	20.1	-	-	11.1	-3.0	11.1	11.8	9.3
LB1430	PL	-	-	-	-	-	-	-	-	0.0000
	UM	-	-	-	-	-	-	-	-	0.0000
	%diff.	-	-	-	-	-	-	-	-	-
LB1431	PL	-	-	-	-	-	-	-	-	0.0000
	UM	-	-	-	-	-	-	-	-	0.0000
	%diff.	-	-	-	-	-	-	-	-	-
LB1432	PL	-	-	-	-	-	-	-	-	0.0000
	UM	-	-	-	-	-	-	-	-	0.0000
	%diff.	-	-	-	-	-	-	-	-	-

Key: PL - participating laboratory
UM - Unicomarine Ltd.
AE- Aquatic Environments (External Auditor)
"- " - No data.

Table 5. Results from the Own Samples (OS35-37) with respect to the NMBAQC / CSEMP standards.

LabCode	Estimation of Taxa								Taxonomic Errors			Estimation of Abundance								Estimation of Biomass					Similarity Index			NMBAQCS/NMMP Sample Flag	
	Lab.	Min	Max	Target	Flag	Missed	% Missed	Remedial Action	Lab.	%	Remedial Action	Lab.	Min	Max	Target	Flag	Missed	% Missed	Remedial Action	Lab.	Min	Max	Target	Flag	Target	Lab.	Flag		
LB1424 OS35	20	18.0	22.0	18.0 - 22.0	PASS	0	0.0		4	20.0		535	489.6	598.4	489.6 - 598.4	PASS	6	1.1		0.5870	0.3909	0.5863	0.3909 - 0.5863	Fail	90.0	95.83	PASS	Pass-Good	
LB1424 OS36	24	21.6	26.4	21.6 - 26.4	PASS	0	0.0		0	0.0		714	630.0	770.0	630.0 - 770.0	PASS	2	0.3		0.3241	0.2542	0.3814	0.2542 - 0.3814	PASS	90.0	98.73	PASS	Pass-Good	
LB1424 OS37	56	50.4	61.6	50.4 - 61.6	PASS	0	0.0		0	0.0		820	730.8	893.2	730.8 - 893.2	PASS	1	0.1		5.7313	4.8487	7.2731	4.8487 - 7.2731	PASS	90.0	99.45	PASS	Pass-Good	
LB1425 OS35	45	42.3	51.7	42.3 - 51.7	PASS	1	2.1		1	2.2		688	617.4	754.6	617.4 - 754.6	PASS	8	1.2		-	-	-	-	-	90.0	98.69	PASS	Pass-Good	
LB1425 OS36	17	17.0	21.0	17.0 - 21.0	PASS	2	10.5		0	0.0		131	115.2	140.8	115.2 - 140.8	PASS	2	1.6		-	-	-	-	-	90.0	96.53	PASS	Pass-Good	
LB1425 OS37	20	22.5	27.5	22.5 - 27.5	Fail	5	20.0		0	0.0		79	73.8	90.2	73.8 - 90.2	PASS	3	3.7		-	-	-	-	-	90.0	96.34	PASS	Pass-Good	
LB1426 OS35	4	2.0	6.0	2.0 - 6.0	PASS	0	0.0		0	0.0		11	9.0	13.0	9.0 - 13.0	PASS	0	0.0		0.0080	0.0065	0.0097	0.0065 - 0.0097	PASS	90.0	100.00	PASS	Pass-Excellent	
LB1426 OS36	14	12.0	16.0	12.0 - 16.0	PASS	0	0.0		0	0.0		183	162.9	199.1	162.9 - 199.1	PASS	0	0.0		0.0882	0.0578	0.0868	0.0578 - 0.0868	Fail	90.0	99.45	PASS	Pass-Good	
LB1426 OS37	4	2.0	6.0	2.0 - 6.0	PASS	0	0.0		0	0.0		24	21.6	26.4	21.6 - 26.4	PASS	0	0.0		0.2004	0.1749	0.2623	0.1749 - 0.2623	PASS	90.0	100.00	PASS	Pass-Excellent	
LB1427 OS35	21	18.9	23.1	18.9 - 23.1	PASS	0	0.0		1	4.8		1230	1118.7	1367.3	1118.7 - 1367.3	PASS	0	0.0		-	-	-	-	-	90.0	98.91	PASS	Pass-Good	
LB1427 OS36	14	12.0	16.0	12.0 - 16.0	PASS	0	0.0		0	0.0		712	651.6	796.4	651.6 - 796.4	PASS	1	0.1		-	-	-	-	-	90.0	99.16	PASS	Pass-Good	
LB1427 OS37	3	1.0	5.0	1.0 - 5.0	PASS	0	0.0		0	0.0		3	1.0	5.0	1.0 - 5.0	PASS	0	0.0		-	-	-	-	-	90.0	100.00	PASS	Pass-Excellent	
LB1428 OS35	-	-	-	-	-	-	-		-	-		-	-	-	-	-	-	-		-	-	-	-	-	90.0	-	-	-	-
LB1428 OS36	-	-	-	-	-	-	-		-	-		-	-	-	-	-	-	-		-	-	-	-	-	90.0	-	-	-	-
LB1428 OS37	-	-	-	-	-	-	-		-	-		-	-	-	-	-	-	-		-	-	-	-	-	90.0	-	-	-	-
LB1429 OS35	31	36.0	44.0	36.0 - 44.0	Fail	9	22.5	Reprocess	0	0.0		66	81.9	100.1	81.9 - 100.1	Fail	25	27.5	Reprocess	6.4938	4.1617	6.2425	4.1617 - 6.2425	Fail	90.0	84.34	Fail	Fail-Bad	
LB1429 OS36	3	4.0	8.0	4.0 - 8.0	Fail	3	50.0	Reprocess	1	33.3	Review	3	18.9	23.1	18.9 - 23.1	Fail	18	85.7	Reprocess	0.2625	0.1993	0.2989	0.1993 - 0.2989	PASS	90.0	16.67	Fail	Fail-Bad	
LB1429 OS37	16	16.0	20.0	16.0 - 20.0	PASS	1	5.6		0	0.0		291	279.0	341.0	279.0 - 341.0	PASS	19	6.1		0.4185	0.3038	0.4556	0.3038 - 0.4556	PASS	90.0	96.69	PASS	Pass-Good	
LB1430 OS35	43	39.6	48.4	39.6 - 48.4	PASS	1	2.3		2	4.7		261	237.6	290.4	237.6 - 290.4	PASS	4	1.5		-	-	-	-	-	90.0	96.00	PASS	Pass-Good	
LB1430 OS36	64	57.6	70.4	57.6 - 70.4	PASS	2	3.1		5	8.1		262	239.4	292.6	239.4 - 292.6	PASS	6	2.3		-	-	-	-	-	90.0	96.79	PASS	Pass-Good	
LB1430 OS37	12	10.0	14.0	10.0 - 14.0	PASS	0	0.0		1	8.3		47	42.3	51.7	42.3 - 51.7	PASS	0	0.0		-	-	-	-	-	90.0	97.87	PASS	Pass-Good	
LB1431 OS35	11	9.0	13.0	9.0 - 13.0	PASS	0	0.0		1	9.1		160	142.2	173.8	142.2 - 173.8	PASS	4	2.5		-	-	-	-	-	90.0	96.86	PASS	Pass-Good	
LB1431 OS36	14	15.0	19.0	15.0 - 19.0	Fail	3	17.6		2	14.3		100	91.8	112.2	91.8 - 112.2	PASS	3	2.9		-	-	-	-	-	90.0	96.55	PASS	Pass-Good	
LB1431 OS37	21	21.6	26.4	21.6 - 26.4	Fail	3	12.5	Reprocess	4	19.0	Reprocess	80	77.4	94.6	77.4 - 94.6	PASS	6	7.0	Review	-	-	-	-	-	90.0	89.82	Fail	Fail-Poor	
LB1432 OS35	-	-	-	-	-	-	-		-	-		-	-	-	-	-	-	-		-	-	-	-	-	90.0	0.00	Fail	Fail-Bad	
LB1432 OS36	-	-	-	-	-	-	-		-	-		-	-	-	-	-	-	-		-	-	-	-	-	90.0	0.00	Fail	Fail-Bad	
LB1432 OS37	-	-	-	-	-	-	-		-	-		-	-	-	-	-	-	-		-	-	-	-	-	90.0	0.00	Fail	Fail-Bad	

Table 6. Comparison of the overall performance of laboratories in the Own Sample exercises from 1995/96 to 2007/08 with respect to the NMBAQC / CSEMP standards. Initial OS results excluding remedial action.

Scheme Year	Exercise	Pass (>90% BCSI)	Fail (<90% BCSI)	% Pass
02 (1995/96)	01	14	0	100
03 (1996/97)	02, 03, 04	27	11	71
04 (1997/98)	05, 06, 07	33	7	83
05 (1998/99)	08, 09, 10	30	12	71
06 (1999/00)	11, 12, 13	37	14	73
07 (2000/01)	14, 15, 16	30	15	67
08 (2001/02)*	17, 18, 19	35	10	78
09 (2002/03)*	20, 21, 22	33	11	75
10 (2003/04)*	23, 24, 25	43	8	84
11 (2004/05)*	26, 27, 28	51	3	94
12 (2005/06)*	29, 30, 31	50	4	93
13 (2006/07)*	32, 33, 34	63	6	91
14 (2007/08)*	35, 36, 37	69	12	85
	In Total	515	113	82

Key: * - Own Samples selected from completed data matrices, *i.e.* 'blind audits'
 BCSI - Bray Curtis similarity index (untransformed)

