Certificate of Analysis

Work Order: TO115119

To: **Dallas Davis**
COD SGS Minerals
Dalmin Corporation
407 Dufferin St.
Fredericton
NB E3B 3A8

Date: Jul 08, 2011

P.O. No.	:	Dalmin Corporation
Project No.	:	-
No. Of Samples	:	51
Date Submitted	:	Jun 24, 2011
Report Comprises	:	Pages 1 to 13 (Inclusive of Cover Sheet)

Distribution of unused material:
STORE:

Certified By : _____
Lawrence Ng
Regional Business Manager (GEOCHEM)

SGS Minerals Services (Toronto) is accredited by Standards Council of Canada (SCC) and conforms to the requirements of ISO/IEC 17025 for specific tests as indicated on the scope of accreditation to be found at http://www.scc.ca/en/programs/lab/mineral.shtml

Report Footer:

L.N.R.	= Listed not received	I.S.	= Insufficient Sample
n.a.	= Not applicable	--	= No result

*INF = Composition of this sample makes detection impossible by this method

M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion

Methods marked with an asterisk (e.g. *NAA08V) were subcontracted
Methods marked with the @ symbol (e.g. @AAS21E) denote accredited tests

This document is issued by the Company under its General Conditions of Service accessible at http://www.sgs.com/terms_and_conditions.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein.

WARNING: The sample(s) to which the findings recorded herein (the "Findings") relate was (were) drawn and / or provided by the Client or by a third party acting at the Client's direction. The Findings constitute no warranty of the sample's representativity of the goods and strictly relate to the sample(s). The Company accepts no liability with regard to the origin or source from which the sample(s) is/are said to be extracted. The findings report on the samples provided by the client and are not intended for commercial or contractual settlement purposes. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Final : TO115119 Order: Dalmin Corporation

Element	Ag	Al	As	Au	Ba	Bi	Ca	Cd	Ce	Co
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	1	1	10	0.1	10	1	10	1	5	5
Units	ppb	ppm	ppb	ppb	ppb	ppb	ppm	ppb	ppb	ppb
MA-01-5301	57	102	50	<0.1	7200	<1	300	51	207	25
MA-01-5352	67	88	<10	0.3	8590	<1	430	20	47	23
MA-01-5402	42	116	30	0.2	5810	<1	240	9	135	15
MA-01-5453	60	60	<10	<0.1	4330	<1	380	123	111	81
MA-01-5500	83	11	<10	0.2	7460	<1	350	33	111	31
MA-01-5552	70	91	<10	0.2	2100	<1	290	120	321	17
MA-01-5600	48	134	<10	0.2	6570	<1	270	6	107	63
MA-01-5651	4	12	<10	<0.1	410	<1	30	2	22	<5
MA-01-5697	79	160	20	<0.1	6230	1	200	14	318	167
MA-01-5748	14	152	10	<0.1	4870	<1	170	22	83	229
MA-01-5799	26	196	20	0.3	1460	2	30	4	666	52
MA-01-5850	28	119	30	<0.1	3310	1	140	9	215	81
MA-01-5900	13	132	<10	0.1	7090	<1	380	12	183	67
MA-01-5951	64	15	<10	0.6	5840	<1	660	31	<5	23
MA-01-5995	58	15	<10	0.4	3290	<1	500	54	32	7
MA-02-5348	43	47	20	0.6	6290	<1	360	20	151	10
MA-02-5349	21	50	160	0.7	9960	<1	410	82	523	197
MA-02-5450	33	96	<10	<0.1	3290	<1	290	30	140	19
MA-02-5501	70	35	<10	<0.1	2460	<1	430	55	90	20
MA-02-5552	59	66	<10	0.1	9330	<1	500	25	209	15
MA-02-5602	44	104	<10	0.1	5240	<1	330	18	63	62
MA-02-5652	60	204	<10	0.1	5170	<1	130	27	626	26
MA-02-5701	10	128	<10	<0.1	5870	<1	250	23	95	107
MA-02-5750	45	143	10	<0.1	7680	<1	200	204	320	36
MA-02-5802	33	170	<10	0.1	3010	<1	260	38	351	46
MA-02-5849	21	185	20	0.1	4890	1	60	36	288	210
MA-02-5900	35	122	30	0.3	3770	3	190	6	705	184
MA-02-5954	66	161	<10	0.3	5200	<1	200	114	760	64
MA-06-5200	23	76	<10	0.1	3790	<1	560	31	39	<5
MA-06-5250	43	108	<10	0.1	4280	<1	550	33	114	17
MA-06-5300	18	134	<10	0.2	6070	<1	370	8	141	14
MA-06-5350	88	15	<10	1.1	5100	<1	410	19	<5	14
MA-06-5400	8	45	70	0.2	5470	<1	400	56	609	36
MA-06-5450	3	34	40	0.2	12800	<1	820	5	115	23
MA-06-5550	44	145	20	0.2	2670	<1	250	40	146	57
MA-06-5600	43	57	<10	<0.1	4180	<1	300	93	160	44
MA-06-5650	29	123	20	<0.1	3030	<1	200	59	442	59
MA-06-5750	79	36	10	0.1	2470	<1	330	53	218	89
MA-06-5800	84	30	10	0.4	2940	<1	430	187	207	139
MA-06-5850	24	199	10	<0.1	1930	<1	190	9	154	30
MA-06-6700	83	26	<10	0.2	6780	<1	460	69	79	30
MA-09-5200	43	61	<10	0.3	4870	<1	520	18	52	46
MA-09-5245	24	36	<10	0.2	5310	<1	350	5	37	6

This document is issued by the Company under its General Conditions of Service accessible at http://www.sgs.com/terms_and_conditions.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein.

WARNING: The sample(s) to which the findings recorded herein (the "Findings") relate was (were) drawn and / or provided by the Client or by a third party acting at the Client's direction. The Findings constitute no warranty of the sample's representativity of the goods and strictly relate to the sample(s). The Company accepts no liability with regard to the origin or source from which the sample(s) is/are said to be extracted. The findings report on the samples provided by the client and are not intended for commercial or contractual settlement purposes. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Final : TO115119 Order: Dalmin Corporation

Element	Ag	Al	As	Au	Ba	Bi	Ca	Cd	Ce	Co
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	1	1	10	0.1	10	1	10	1	5	5
Units	ppb	ppm	ppb	ppb	ppb	ppb	ppm	ppb	ppb	ppb
MA-09-5300	89	74	<10	1.0	3600	<1	450	40	121	<5
MA-09-5450	7	15	160	0.9	7100	<1	500	6	1260	59
MA-09-5500	49	119	40	0.3	5650	2	90	55	315	30
MA-09-5550	17	198	30	<0.1	2960	<1	140	25	523	35
MA-09-5600	34	72	20	0.3	2540	<1	260	40	71	34
MA-09-5650	23	85	<10	<0.1	3810	<1	330	191	185	38
MA-09-5702	35	77	<10	<0.1	2880	<1	370	59	199	13
MA-09-5750	23	94	<10	0.2	3450	<1	250	20	363	16
*Rep MA-01-5402	41	123	30	0.2	5380	<1	260	13	117	23
*Rep MA-02-5701	12	138	10	0.1	5640	<1	250	25	122	143
*Rep MA-06-5350	71	13	10	0.7	4370	<1	290	20	<5	17
*Rep MA-09-5600	37	72	20	<0.1	2630	<1	260	42	77	34
*Std MMISRM16	21	51	20	28.9	60	<1	210	4	18	68
*Std AMIS0169	8	66	20	0.3	750	<1	40	2	796	119
*Blk BLANK	<1	<1	<10	<0.1	<10	<1	<10	<1	<5	<5
*Blk BLANK	<1	<1	<10	<0.1	<10	<1	<10	<1	<5	<5

This document is issued by the Company under its General Conditions of Service accessible at http://www.sgs.com/terms_and_conditions.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein.

WARNING: The sample(s) to which the findings recorded herein (the "Findings") relate was (were) drawn and / or provided by the Client or by a third party acting at the Client's direction. The Findings constitute no warranty of the sample's representativity of the goods and strictly relate to the sample(s). The Company accepts no liability with regard to the origin or source from which the sample(s) is/are said to be extracted. The findings report on the samples provided by the client and are not intended for commercial or contractual settlement purposes. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Final : TO115119 Order: Dalmin Corporation

Element	Cr	Cs	Cu	Dy	Er	Eu	Fe	Ga	Gd	Hg
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	100	0.5	10	1	0.5	0.5	1	1	1	1
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppm	ppb	ppb	ppb
MA-01-5301	<100	4.4	520	28	16.6	7.7	28	3	33	<1
MA-01-5352	<100	4.1	700	10	5.4	3.0	12	1	11	<1
MA-01-5402	<100	3.5	330	14	7.8	4.1	51	6	16	<1
MA-01-5453	<100	3.3	1260	8	4.4	2.0	18	3	10	<1
MA-01-5500	<100	3.4	660	30	14.7	9.9	7	1	41	<1
MA-01-5552	<100	2.1	1140	55	28.8	14.9	24	3	67	<1
MA-01-5600	<100	9.1	940	18	9.4	4.0	36	4	19	<1
MA-01-5651	<100	<0.5	40	2	1.4	0.6	1	<1	3	<1
MA-01-5697	<100	3.1	340	31	16.1	6.5	63	8	32	<1
MA-01-5748	<100	10.5	270	12	6.5	2.9	106	7	11	<1
MA-01-5799	<100	6.3	480	73	33.6	18.3	52	16	95	<1
MA-01-5850	<100	7.8	180	19	9.7	4.5	73	10	22	<1
MA-01-5900	<100	4.9	630	48	28.5	9.5	30	4	45	<1
MA-01-5951	<100	1.2	3120	20	13.0	3.5	4	<1	16	<1
MA-01-5995	<100	3.8	2740	18	9.6	5.3	5	<1	21	<1
MA-02-5348	<100	1.3	810	29	13.4	9.0	9	1	41	<1
MA-02-5349	100	2.2	12700	100	81.6	24.2	141	3	95	<1
MA-02-5450	<100	3.6	250	11	5.8	2.8	26	4	13	<1
MA-02-5501	<100	2.7	1230	17	8.3	4.8	13	1	22	<1
MA-02-5552	<100	2.8	920	74	41.7	19.6	18	2	86	<1
MA-02-5602	<100	2.1	480	8	4.5	2.1	17	2	9	<1
MA-02-5652	<100	9.4	680	363	205	63.3	37	8	317	<1
MA-02-5701	<100	3.3	180	13	7.2	3.2	32	4	14	<1
MA-02-5750	<100	3.2	810	41	21.2	8.8	57	9	48	<1
MA-02-5802	<100	2.4	650	64	34.0	11.8	47	5	69	<1
MA-02-5849	<100	4.3	520	21	12.6	4.8	100	19	21	<1
MA-02-5900	<100	7.0	1220	37	18.3	9.5	55	13	43	<1
MA-02-5954	<100	7.9	1270	341	212	82.7	65	7	292	<1
MA-06-5200	<100	1.7	920	10	5.5	3.0	14	1	12	<1
MA-06-5250	<100	1.0	870	49	29.9	9.6	13	2	43	<1
MA-06-5300	<100	3.8	740	30	17.5	7.8	18	2	32	<1
MA-06-5350	<100	1.8	2400	12	8.6	1.8	11	<1	10	<1
MA-06-5400	<100	<0.5	3990	51	32.3	15.4	120	4	65	<1
MA-06-5450	<100	<0.5	2090	17	10.6	5.5	105	2	19	<1
MA-06-5550	<100	6.9	510	16	6.7	3.7	19	4	18	<1
MA-06-5600	<100	2.3	1080	11	5.3	3.3	21	2	16	<1
MA-06-5650	<100	4.9	930	27	13.1	7.4	45	8	36	<1
MA-06-5750	<100	3.0	2200	30	14.7	8.8	19	2	41	<1
MA-06-5800	<100	3.8	4270	92	49.0	24.9	14	3	113	<1
MA-06-5850	<100	3.4	160	19	10.1	4.1	67	8	20	<1
MA-06-6700	<100	3.0	2490	36	19.2	9.7	9	2	44	<1
MA-09-5200	<100	1.5	1730	11	6.4	3.8	14	1	15	<1
MA-09-5245	<100	2.3	620	9	4.7	3.0	13	1	12	<1

This document is issued by the Company under its General Conditions of Service accessible at http://www.sgs.com/terms_and_conditions.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein.

WARNING: The sample(s) to which the findings recorded herein (the "Findings") relate was (were) drawn and / or provided by the Client or by a third party acting at the Client's direction. The Findings constitute no warranty of the sample's representativity of the goods and strictly relate to the sample(s). The Company accepts no liability with regard to the origin or source from which the sample(s) is/are said to be extracted. The findings report on the samples provided by the client and are not intended for commercial or contractual settlement purposes. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Final : TO115119 Order: Dalmin Corporation

Element	Cr	Cs	Cu	Dy	Er	Eu	Fe	Ga	Gd	Hg
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	100	0.5	10	1	0.5	0.5	1	1	1	1
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppm	ppb	ppb	ppb
MA-09-5300	<100	5.8	8940	103	61.0	29.7	20	2	129	<1
MA-09-5450	<100	1.1	3580	99	58.1	25.7	133	7	120	<1
MA-09-5500	<100	11.3	480	27	12.5	6.2	31	6	30	<1
MA-09-5550	<100	8.3	360	38	15.2	9.4	40	11	43	<1
MA-09-5600	<100	3.6	360	5	2.5	1.7	21	3	8	<1
MA-09-5650	<100	3.1	410	15	8.4	4.0	26	3	18	<1
MA-09-5702	<100	3.3	850	49	25.3	14.8	17	2	62	<1
MA-09-5750	<100	3.9	470	58	29.0	14.7	28	3	69	<1
*Rep MA-01-5402	<100	2.9	320	13	7.4	3.7	58	6	15	<1
*Rep MA-02-5701	<100	3.9	190	14	7.2	3.5	36	5	15	<1
*Rep MA-06-5350	<100	2.2	2050	15	10.5	2.9	8	<1	16	<1
*Rep MA-09-5600	<100	3.9	380	6	2.9	1.9	20	3	8	<1
*Std MMISRM16	<100	12.9	740	3	1.1	1.1	1	<1	4	18
*Std AMIS0169	<100	8.3	4010	28	12.7	11.6	45	12	45	<1
*Blk BLANK	<100	<0.5	<10	<1	<0.5	<0.5	<1	<1	<1	<1
*Blk BLANK	<100	<0.5	<10	<1	<0.5	<0.5	<1	<1	<1	<1

This document is issued by the Company under its General Conditions of Service accessible at http://www.sgs.com/terms_and_conditions.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein.

WARNING: The sample(s) to which the findings recorded herein (the "Findings") relate was (were) drawn and / or provided by the Client or by a third party acting at the Client's direction. The Findings constitute no warranty of the sample's representativity of the goods and strictly relate to the sample(s). The Company accepts no liability with regard to the origin or source from which the sample(s) is/are said to be extracted. The findings report on the samples provided by the client and are not intended for commercial or contractual settlement purposes. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Element	In	K	La	Li	Mg	Mn	Mo	Nb	Nd	Ni
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	0.5	0.1	1	5	1	10	5	0.5	1	5
Units	ppb	ppm	ppb	ppb	ppm	ppb	ppb	ppb	ppb	ppb
MA-01-5301	<0.5	20.4	93	<5	13	4550	16	0.6	116	67
MA-01-5352	<0.5	19.3	27	<5	21	1430	5	<0.5	36	38
MA-01-5402	<0.5	11.0	67	<5	10	740	11	1.3	72	41
MA-01-5453	<0.5	68.8	25	<5	27	25100	28	0.6	36	159
MA-01-5500	<0.5	65.7	72	<5	32	4170	11	<0.5	136	77
MA-01-5552	<0.5	89.8	123	<5	40	2470	20	<0.5	219	275
MA-01-5600	<0.5	10.7	59	<5	4	13400	7	1.6	55	27
MA-01-5651	<0.5	6.2	5	<5	2	220	<5	<0.5	8	12
MA-01-5697	<0.5	26.1	117	<5	19	15900	9	3.1	117	140
MA-01-5748	<0.5	25.8	35	<5	12	21800	8	1.8	42	56
MA-01-5799	<0.5	11.2	282	<5	1	1210	23	4.6	380	21
MA-01-5850	<0.5	41.2	90	<5	19	2840	17	2.3	92	40
MA-01-5900	<0.5	30.5	82	<5	28	7200	8	<0.5	123	100
MA-01-5951	<0.5	45.8	<1	<5	43	5270	27	<0.5	6	157
MA-01-5995	<0.5	59.6	24	23	68	1630	34	<0.5	48	74
MA-02-5348	<0.5	76.7	83	<5	29	880	13	<0.5	133	54
MA-02-5349	<0.5	16.6	292	15	14	1850	760	2.3	398	226
MA-02-5450	<0.5	59.0	38	<5	21	3940	13	0.7	46	47
MA-02-5501	<0.5	129	37	<5	26	4910	22	<0.5	73	228
MA-02-5552	<0.5	80.1	107	<5	40	2290	<5	<0.5	211	109
MA-02-5602	<0.5	47.8	19	<5	23	13400	7	<0.5	29	106
MA-02-5652	<0.5	40.0	457	<5	20	3690	6	0.9	852	182
MA-02-5701	<0.5	19.6	39	<5	18	6380	<5	2.0	46	28
MA-02-5750	<0.5	31.7	165	<5	14	11700	11	2.5	176	136
MA-02-5802	<0.5	30.0	142	<5	31	2290	7	0.5	207	123
MA-02-5849	<0.5	12.6	93	<5	7	155048	33	5.5	91	157
MA-02-5900	<0.5	17.0	258	<5	3	45800	36	4.2	208	77
MA-02-5954	<0.5	55.9	375	<5	8	11200	13	<0.5	596	51
MA-06-5200	<0.5	8.3	19	6	21	700	28	<0.5	35	69
MA-06-5250	<0.5	3.2	75	<5	22	2110	15	<0.5	106	134
MA-06-5300	<0.5	5.9	90	<5	14	1180	11	<0.5	119	46
MA-06-5350	<0.5	11.0	<1	7	18	880	84	<0.5	3	46
MA-06-5400	<0.5	6.7	296	7	10	2240	877	4.1	342	119
MA-06-5450	<0.5	1.4	60	10	17	7420	1430	2.7	80	110
MA-06-5550	<0.5	90.3	44	<5	23	5850	16	1.0	61	67
MA-06-5600	<0.5	76.6	54	<5	13	10100	18	<0.5	69	115
MA-06-5650	<0.5	63.2	166	<5	12	18100	18	1.4	162	94
MA-06-5750	<0.5	96.8	91	<5	24	10500	32	<0.5	149	338
MA-06-5800	<0.5	118	126	6	39	13900	19	<0.5	275	718
MA-06-5850	<0.5	52.9	57	<5	21	2210	15	1.3	68	59
MA-06-6700	<0.5	48.6	57	<5	29	5060	22	<0.5	115	173
MA-09-5200	<0.5	7.8	25	<5	15	8040	83	<0.5	44	82
MA-09-5245	<0.5	7.4	23	<5	12	350	25	<0.5	40	26

This document is issued by the Company under its General Conditions of Service accessible at http://www.sgs.com/terms_and_conditions.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein.

WARNING: The sample(s) to which the findings recorded herein (the "Findings") relate was (were) drawn and / or provided by the Client or by a third party acting at the Client's direction. The Findings constitute no warranty of the sample's representativity of the goods and strictly relate to the sample(s). The Company accepts no liability with regard to the origin or source from which the sample(s) is/are said to be extracted. The findings report on the samples provided by the client and are not intended for commercial or contractual settlement purposes. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Final : TO115119 Order: Dalmin Corporation

Element	In	K	La	Li	Mg	Mn	Mo	Nb	Nd	Ni
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	0.5	0.1	1	5	1	10	5	0.5	1	5
Units	ppb	ppm	ppb	ppb	ppm	ppb	ppb	ppb	ppb	ppb
MA-09-5300	<0.5	10.0	250	<5	12	80	28	<0.5	386	166
MA-09-5450	<0.5	6.9	622	37	41	8820	1630	2.2	660	147
MA-09-5500	<0.5	19.1	106	<5	7	2980	17	1.7	123	24
MA-09-5550	<0.5	25.5	146	<5	6	7500	16	1.5	183	50
MA-09-5600	<0.5	55.2	26	<5	16	7540	18	0.5	31	42
MA-09-5650	<0.5	84.7	46	<5	16	14600	13	0.5	69	107
MA-09-5702	<0.5	39.0	109	<5	33	2080	11	<0.5	192	98
MA-09-5750	<0.5	19.2	175	<5	29	1230	7	<0.5	255	65
*Rep MA-01-5402	<0.5	13.0	58	<5	12	1720	11	1.4	67	49
*Rep MA-02-5701	<0.5	23.4	48	<5	16	7070	<5	2.3	55	32
*Rep MA-06-5350	<0.5	10.4	1	6	13	820	58	<0.5	7	41
*Rep MA-09-5600	<0.5	59.8	27	<5	16	7110	19	<0.5	33	41
*Std MMISRM16	<0.5	38.3	4	<5	31	110	66	<0.5	15	283
*Std AMIS0169	<0.5	40.6	408	<5	33	4310	<5	3.6	379	473
*Blk BLANK	<0.5	<0.1	<1	<5	<1	<10	<5	<0.5	<1	<5
*Blk BLANK	<0.5	<0.1	<1	<5	<1	<10	<5	<0.5	<1	<5

This document is issued by the Company under its General Conditions of Service accessible at http://www.sgs.com/terms_and_conditions.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein.

WARNING: The sample(s) to which the findings recorded herein (the "Findings") relate was (were) drawn and / or provided by the Client or by a third party acting at the Client's direction. The Findings constitute no warranty of the sample's representativity of the goods and strictly relate to the sample(s). The Company accepts no liability with regard to the origin or source from which the sample(s) is/are said to be extracted. The findings report on the samples provided by the client and are not intended for commercial or contractual settlement purposes. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Element	P	Pb	Pd	Pr	Pt	Rb	Sb	Sc	Sm	Sn
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	0.1	10	1	1	1	5	1	5	1	1
Units	ppm	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
MA-01-5301	1.1	580	<1	25	<1	209	1	24	27	<1
MA-01-5352	0.5	620	<1	8	<1	118	<1	7	9	<1
MA-01-5402	3.6	190	<1	17	<1	155	3	23	16	<1
MA-01-5453	0.6	110	<1	8	<1	164	<1	9	9	<1
MA-01-5500	0.7	160	<1	26	<1	42	<1	18	35	<1
MA-01-5552	2.3	220	<1	46	<1	69	<1	14	55	<1
MA-01-5600	0.4	860	<1	13	<1	192	2	33	15	<1
MA-01-5651	0.2	20	<1	2	<1	28	<1	<5	2	<1
MA-01-5697	3.3	1000	<1	27	<1	318	2	47	28	<1
MA-01-5748	4.8	530	<1	10	<1	262	1	27	10	<1
MA-01-5799	1.6	1380	<1	84	<1	173	2	71	89	<1
MA-01-5850	4.6	690	<1	22	<1	162	<1	34	21	<1
MA-01-5900	1.6	550	<1	26	<1	120	<1	63	33	<1
MA-01-5951	0.6	10	<1	<1	<1	17	<1	16	5	<1
MA-01-5995	0.8	40	<1	9	<1	48	<1	14	15	<1
MA-02-5348	0.8	190	<1	27	<1	32	<1	10	35	<1
MA-02-5349	0.4	5120	<1	89	<1	63	34	187	82	<1
MA-02-5450	1.3	540	<1	10	<1	187	<1	14	11	<1
MA-02-5501	1.8	90	<1	14	<1	108	<1	10	19	<1
MA-02-5552	0.6	170	<1	42	<1	56	<1	15	61	<1
MA-02-5602	1.1	210	<1	6	<1	440	<1	6	7	<1
MA-02-5652	1.4	1490	<1	173	<1	221	<1	145	238	<1
MA-02-5701	1.7	590	<1	10	<1	107	<1	20	11	<1
MA-02-5750	2.8	580	<1	42	<1	217	1	42	40	<1
MA-02-5802	3.9	520	<1	45	<1	103	<1	37	56	<1
MA-02-5849	1.1	320	<1	23	<1	140	3	57	20	1
MA-02-5900	3.1	300	<1	55	<1	225	5	43	45	<1
MA-02-5954	1.9	610	<1	125	<1	118	<1	173	186	<1
MA-06-5200	0.4	60	<1	7	<1	67	<1	8	9	<1
MA-06-5250	0.1	190	<1	22	<1	62	<1	27	31	<1
MA-06-5300	0.5	190	<1	26	<1	124	<1	19	29	<1
MA-06-5350	<0.1	60	<1	<1	<1	51	<1	14	3	<1
MA-06-5400	0.4	2850	<1	80	<1	24	131	42	64	<1
MA-06-5450	0.2	240	1	19	<1	<5	78	21	18	<1
MA-06-5550	3.1	800	<1	14	<1	177	<1	18	16	<1
MA-06-5600	2.2	160	<1	15	<1	115	<1	9	15	<1
MA-06-5650	4.4	640	<1	40	<1	220	1	34	35	<1
MA-06-5750	1.6	140	<1	31	<1	162	<1	19	36	<1
MA-06-5800	2.2	110	<1	50	<1	77	<1	13	83	<1
MA-06-5850	6.2	890	<1	16	<1	176	<1	27	17	<1
MA-06-6700	1.9	90	<1	22	<1	59	<1	13	34	<1
MA-09-5200	0.4	50	<1	9	<1	36	2	8	12	<1
MA-09-5245	0.6	60	<1	8	<1	53	1	7	10	<1

This document is issued by the Company under its General Conditions of Service accessible at http://www.sgs.com/terms_and_conditions.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein.

WARNING: The sample(s) to which the findings recorded herein (the "Findings") relate was (were) drawn and / or provided by the Client or by a third party acting at the Client's direction. The Findings constitute no warranty of the sample's representativity of the goods and strictly relate to the sample(s). The Company accepts no liability with regard to the origin or source from which the sample(s) is/are said to be extracted. The findings report on the samples provided by the client and are not intended for commercial or contractual settlement purposes. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Element	P	Pb	Pd	Pr	Pt	Rb	Sb	Sc	Sm	Sn
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	0.1	10	1	1	1	5	1	5	1	1
Units	ppm	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
MA-09-5300	0.6	230	<1	81	<1	104	2	36	98	<1
MA-09-5450	0.2	1130	2	159	<1	47	34	38	125	<1
MA-09-5500	1.7	2230	<1	29	<1	162	2	28	28	<1
MA-09-5550	11.5	790	<1	43	<1	207	2	50	44	<1
MA-09-5600	5.4	200	<1	7	<1	119	<1	<5	7	<1
MA-09-5650	2.8	210	<1	15	<1	124	<1	9	17	<1
MA-09-5702	1.7	90	<1	39	<1	101	<1	12	52	<1
MA-09-5750	3.8	170	<1	58	<1	77	<1	19	61	<1
*Rep MA-01-5402	3.6	220	<1	15	<1	161	2	23	14	<1
*Rep MA-02-5701	2.4	610	<1	13	<1	115	<1	22	14	<1
*Rep MA-06-5350	0.1	90	<1	<1	<1	54	<1	16	5	<1
*Rep MA-09-5600	4.6	220	<1	7	<1	128	<1	<5	8	<1
*Std MMISRM16	0.3	110	30	3	<1	329	<1	9	5	<1
*Std AMIS0169	2.9	110	<1	100	<1	237	<1	57	63	<1
*Blk BLANK	<0.1	<10	<1	<1	<1	<5	<1	<5	<1	<1
*Blk BLANK	<0.1	<10	<1	<1	<1	<5	<1	<5	<1	<1

This document is issued by the Company under its General Conditions of Service accessible at http://www.sgs.com/terms_and_conditions.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein.

WARNING: The sample(s) to which the findings recorded herein (the "Findings") relate was (were) drawn and / or provided by the Client or by a third party acting at the Client's direction. The Findings constitute no warranty of the sample's representativity of the goods and strictly relate to the sample(s). The Company accepts no liability with regard to the origin or source from which the sample(s) is/are said to be extracted. The findings report on the samples provided by the client and are not intended for commercial or contractual settlement purposes. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Element	Sr	Ta	Tb	Te	Th	Ti	Tl	U	W	Y
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	10	1	1	10	0.5	3	0.5	1	1	5
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
MA-01-5301	1560	<1	5	<10	85.3	126	<0.5	108	<1	186
MA-01-5352	2700	<1	2	<10	45.9	13	<0.5	40	<1	53
MA-01-5402	820	<1	3	<10	63.0	308	<0.5	30	2	71
MA-01-5453	1480	<1	2	<10	54.1	66	<0.5	23	<1	44
MA-01-5500	1890	<1	6	<10	47.8	6	<0.5	44	<1	155
MA-01-5552	970	<1	10	<10	64.6	37	<0.5	64	<1	274
MA-01-5600	1530	<1	3	<10	69.6	380	1.2	24	<1	90
MA-01-5651	140	<1	<1	<10	4.6	5	<0.5	6	<1	13
MA-01-5697	1140	<1	5	<10	104	885	<0.5	40	2	181
MA-01-5748	900	<1	2	<10	54.0	452	<0.5	28	1	65
MA-01-5799	150	<1	15	<10	114	1720	0.6	41	2	374
MA-01-5850	810	<1	3	<10	95.8	675	<0.5	27	1	91
MA-01-5900	1980	<1	8	<10	68.0	89	<0.5	60	<1	274
MA-01-5951	4080	<1	3	<10	6.3	3	<0.5	122	<1	131
MA-01-5995	5700	<1	3	<10	8.7	6	<0.5	77	<1	120
MA-02-5348	1890	<1	6	<10	105	11	<0.5	72	<1	145
MA-02-5349	2330	<1	16	<10	241	51	<0.5	4420	1	933
MA-02-5450	960	<1	2	<10	55.9	216	<0.5	17	<1	63
MA-02-5501	1420	<1	3	<10	52.2	15	<0.5	28	<1	87
MA-02-5552	2660	<1	13	<10	76.3	10	<0.5	124	<1	435
MA-02-5602	1790	<1	1	<10	28.5	29	<0.5	23	<1	45
MA-02-5652	710	<1	57	<10	138	212	<0.5	169	2	2130
MA-02-5701	1120	<1	2	<10	52.1	576	<0.5	23	<1	63
MA-02-5750	850	<1	8	<10	98.5	765	<0.5	35	1	234
MA-02-5802	940	<1	11	<10	95.1	107	<0.5	83	1	322
MA-02-5849	450	<1	4	<10	90.9	1720	<0.5	38	1	123
MA-02-5900	610	<1	7	<10	160	1130	0.7	88	2	177
MA-02-5954	520	<1	52	<10	107	57	<0.5	133	1	2310
MA-06-5200	3650	<1	2	<10	55.6	7	<0.5	439	<1	62
MA-06-5250	3910	<1	8	<10	21.9	4	<0.5	670	<1	368
MA-06-5300	1770	<1	5	<10	62.0	27	<0.5	266	<1	194
MA-06-5350	3410	<1	2	<10	20.0	<3	<0.5	385	<1	84
MA-06-5400	1980	<1	10	<10	137	57	<0.5	3000	7	391
MA-06-5450	5500	<1	3	<10	63.5	108	<0.5	3560	<1	123
MA-06-5550	760	<1	3	<10	86.8	260	<0.5	32	1	61
MA-06-5600	1240	<1	2	<10	66.9	52	<0.5	31	<1	55
MA-06-5650	610	<1	6	<10	146	325	<0.5	39	<1	136
MA-06-5750	1790	<1	6	<10	95.7	37	<0.5	59	<1	164
MA-06-5800	1930	<1	17	<10	95.0	32	<0.5	72	<1	507
MA-06-5850	690	<1	3	<10	79.3	292	<0.5	26	<1	97
MA-06-6700	2040	<1	6	<10	50.9	13	<0.5	106	<1	204
MA-09-5200	3280	<1	2	<10	67.7	10	<0.5	946	<1	79
MA-09-5245	2220	<1	2	<10	60.6	28	<0.5	321	<1	53

This document is issued by the Company under its General Conditions of Service accessible at http://www.sgs.com/terms_and_conditions.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein.

WARNING: The sample(s) to which the findings recorded herein (the "Findings") relate was (were) drawn and / or provided by the Client or by a third party acting at the Client's direction. The Findings constitute no warranty of the sample's representativity of the goods and strictly relate to the sample(s). The Company accepts no liability with regard to the origin or source from which the sample(s) is/are said to be extracted. The findings report on the samples provided by the client and are not intended for commercial or contractual settlement purposes. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Final : TO115119 Order: Dalmin Corporation

Element	Sr	Ta	Tb	Te	Th	Ti	Tl	U	W	Y
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	10	1	1	10	0.5	3	0.5	1	1	5
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
MA-09-5300	2320	<1	18	<10	86.9	20	<0.5	2690	1	792
MA-09-5450	6270	<1	19	<10	308	84	<0.5	1340	4	622
MA-09-5500	480	<1	5	<10	128	521	<0.5	47	2	136
MA-09-5550	480	<1	7	<10	228	442	<0.5	57	1	129
MA-09-5600	1190	<1	1	<10	44.0	83	<0.5	18	<1	25
MA-09-5650	1400	<1	3	<10	49.7	41	<0.5	41	<1	81
MA-09-5702	1480	<1	9	<10	60.5	16	<0.5	86	<1	272
MA-09-5750	1100	<1	11	<10	133	66	<0.5	83	<1	287
*Rep MA-01-5402	890	<1	2	<10	56.1	304	<0.5	31	1	65
*Rep MA-02-5701	980	<1	3	<10	56.7	672	<0.5	25	<1	68
*Rep MA-06-5350	2520	<1	2	<10	23.3	<3	<0.5	311	<1	98
*Rep MA-09-5600	1230	<1	1	<10	43.3	80	<0.5	18	<1	27
*Std MMISRM16	430	<1	<1	<10	22.5	3	<0.5	53	<1	10
*Std AMIS0169	80	<1	7	<10	79.8	483	1.2	26	2	124
*Blk BLANK	<10	<1	<1	<10	<0.5	<3	<0.5	<1	<1	<5
*Blk BLANK	<10	<1	<1	<10	1.1	<3	<0.5	<1	<1	<5

This document is issued by the Company under its General Conditions of Service accessible at http://www.sgs.com/terms_and_conditions.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein.

WARNING: The sample(s) to which the findings recorded herein (the "Findings") relate was (were) drawn and / or provided by the Client or by a third party acting at the Client's direction. The Findings constitute no warranty of the sample's representativity of the goods and strictly relate to the sample(s). The Company accepts no liability with regard to the origin or source from which the sample(s) is/are said to be extracted. The findings report on the samples provided by the client and are not intended for commercial or contractual settlement purposes. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Final : TO115119 Order: Dalmin Corporation

Element	Yb	Zn	Zr
Method	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	1	20	5
Units	ppb	ppb	ppb
MA-01-5301	13	110	27
MA-01-5352	4	130	9
MA-01-5402	7	810	26
MA-01-5453	4	470	19
MA-01-5500	12	120	11
MA-01-5552	23	480	25
MA-01-5600	7	100	26
MA-01-5651	1	<20	<5
MA-01-5697	13	320	46
MA-01-5748	6	570	40
MA-01-5799	25	130	54
MA-01-5850	8	120	33
MA-01-5900	23	90	19
MA-01-5951	13	70	<5
MA-01-5995	8	190	<5
MA-02-5348	10	80	11
MA-02-5349	92	490	33
MA-02-5450	5	230	19
MA-02-5501	7	710	11
MA-02-5552	34	70	31
MA-02-5602	4	90	14
MA-02-5652	156	110	25
MA-02-5701	5	340	21
MA-02-5750	17	1650	78
MA-02-5802	26	220	42
MA-02-5849	11	120	68
MA-02-5900	15	90	43
MA-02-5954	197	160	47
MA-06-5200	5	320	<5
MA-06-5250	25	50	<5
MA-06-5300	16	230	13
MA-06-5350	9	280	6
MA-06-5400	34	210	16
MA-06-5450	11	100	<5
MA-06-5550	6	600	21
MA-06-5600	5	1060	11
MA-06-5650	11	350	76
MA-06-5750	12	210	24
MA-06-5800	40	1410	24
MA-06-5850	8	300	38
MA-06-6700	15	600	13
MA-09-5200	6	30	8
MA-09-5245	4	170	10

This document is issued by the Company under its General Conditions of Service accessible at http://www.sgs.com/terms_and_conditions.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein.

WARNING: The sample(s) to which the findings recorded herein (the "Findings") relate was (were) drawn and / or provided by the Client or by a third party acting at the Client's direction. The Findings constitute no warranty of the sample's representativity of the goods and strictly relate to the sample(s). The Company accepts no liability with regard to the origin or source from which the sample(s) is/are said to be extracted. The findings report on the samples provided by the client and are not intended for commercial or contractual settlement purposes. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Final : TO115119 Order: Dalmin Corporation

Element	Yb	Zn	Zr
Method	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	1	20	5
Units	ppb	ppb	ppb
MA-09-5300	53	310	15
MA-09-5450	56	330	33
MA-09-5500	11	170	42
MA-09-5550	12	340	88
MA-09-5600	2	780	19
MA-09-5650	8	5390	18
MA-09-5702	20	280	16
MA-09-5750	24	130	23
*Rep MA-01-5402	7	720	24
*Rep MA-02-5701	6	370	26
*Rep MA-06-5350	11	390	8
*Rep MA-09-5600	2	700	17
*Std MMISRM16	<1	300	20
*Std AMIS0169	10	220	55
*Blk BLANK	<1	<20	<5
*Blk BLANK	<1	<20	<5

This document is issued by the Company under its General Conditions of Service accessible at http://www.sgs.com/terms_and_conditions.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein.

WARNING: The sample(s) to which the findings recorded herein (the "Findings") relate was (were) drawn and / or provided by the Client or by a third party acting at the Client's direction. The Findings constitute no warranty of the sample's representativity of the goods and strictly relate to the sample(s). The Company accepts no liability with regard to the origin or source from which the sample(s) is/are said to be extracted. The findings report on the samples provided by the client and are not intended for commercial or contractual settlement purposes. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.