

Rainbow 825091

C.F.MINERAL RESEARCH LTD.
263 LAKE AVENUE
KELOWNA, BRITISH COLUMBIA
CANADA V1Y 5W6

TEL(604)763-1815
(604)860-8525

MINNOVA INC.
PROJECT:

C.F.M. 89-752

17/10/89

SAMPLE NUMBER	ORIGINAL WEIGHT (KG)	FRACTION	WEIGHT (GMS)
-----	-----	-----	-----
RCG-001	8.400		
RCG-001		-150HM	6.47
RCG-001		-150HP	4.59
RCG-001		-150HN	1.33
RCG-002	9.400		
RCG-002		-150HM	3.21
RCG-002		-150HP	5.93
RCG-002		-150HN	1.91
RCG-003	10.000		
RCG-003		-150HM	9.64
RCG-003		-150HP	3.98
RCG-003		-150HN	2.34
RCG-005	8.000		
RCG-005		-150HM	6.86
RCG-005		-150HP	4.82
RCG-005		-150HN	1.64
RCG-006	11.100		
RCG-006		-150HM	4.31
RCG-006		-150HP	3.14
RCG-006		-150HN	1.11
RCG-009	7.600		
RCG-009		-150HM	2.62
RCG-009		-150HP	2.02
RCG-009		-150HN	0.52
RCG-011	9.000		
RCG-011		-150HM	2.85
RCG-011		-150HP	0.89
RCG-011		-150HN	0.46
RCG-014	6.600		
RCG-014		-150HM	2.34
RCG-014		-150HP	1.29
RCG-014		-150HN	1.33

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SAMPLE NUMBER	ORIGINAL WEIGHT (KG)	FRACTION	WEIGHT (GMS)
-----	-----	-----	-----
RCG-015	9.500		
RCG-015		-150HM	3.60
RCG-015		-150HP	2.64
RCG-015		-150HN	2.23
RCG-020	9.200		
RCG-020		-150HM	2.43
RCG-020		-150HP	2.17
RCG-020		-150HN	1.20
RCG-023	12.100		
RCG-023		-150HM	4.14
RCG-023		-150HP	3.52
RCG-023		-150HN	1.26
RCG-025	12.000		
RCG-025		-150HM	8.07
RCG-025		-150HP	5.37
RCG-025		-150HN	6.02
RCG-026	9.000		
RCG-026		-150HM	4.63
RCG-026		-150HP	3.09
RCG-026		-150HN	3.19
RCG-027	10.500		
RCG-027		-150HM	4.47
RCG-027		-150HP	12.16
RCG-027		-150HN	1.65
RCG-028	8.800		
RCG-028		-150HM	3.20
RCG-028		-150HP	10.15
RCG-028		-150HN	2.72
RCG-029	8.300		
RCG-029		-150HM	47.25
RCG-029		-150HP	27.62
RCG-029		-150HN	2.23

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SAMPLE NUMBER	ORIGINAL WEIGHT (KG)	FRACTION	WEIGHT (GMS)
-----	-----	-----	-----
RCG-030	20.500		
RCG-030		-150HM	13.97
RCG-030		-150HP	9.04
RCG-030		-150HN	2.82
RCG-031	9.300		
RCG-031		-150HM	3.21
RCG-031		-150HP	2.15
RCG-031		-150HN	0.86
RCG-032	9.400		
RCG-032		-150HM	3.44
RCG-032		-150HP	11.72
RCG-032		-150HN	3.75
RCG-034	10.500		
RCG-034		-150HM	14.39
RCG-034		-150HP	14.30
RCG-034		-150HN	4.71
RCG-035	7.900		
RCG-035		-150HM	4.48
RCG-035		-150HP	4.99
RCG-035		-150HN	1.39
RCG-037	8.400		
RCG-037		-150HM	3.04
RCG-037		-150HP	7.58
RCG-037		-150HN	1.93
RCG-038	8.300		
RCG-038		-150HM	4.29
RCG-038		-150HP	5.80
RCG-038		-150HN	4.32
RCG-039	7.700		
RCG-039		-150HM	0.27
RCG-039		-150HP	0.93
RCG-039		-150HN	0.45

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SAMPLE NO.	ORIGINAL WEIGHT (KG)	FRACTION	WEIGHT (GMS)
-----	-----	-----	-----
RCG-042	11.300		
RCG-042		-150HM	0.58
RCG-042		-150HP	0.56
RCG-042		-150HN	0.16

RCG-030 +20=.200KG - this was the only double bag sample.

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19/10/89

SAMPLE NUMBER	ORIGINAL WEIGHT (KG)	FRACTION	WEIGHT (GMS)
RCG-004	15.700		
RCG-004		+20	5100.00
RCG-004		-150HM	21.36
RCG-004		-150HP	38.17
RCG-004		-150HN	4.59
RCG-007	17.600		
RCG-007		+20	10200.00
RCG-007		-150HM	3.23
RCG-007		-150HP	4.00
RCG-007		-150HN	4.36
RCG-008	10.800		
RCG-008		+20	0.00
RCG-008		-150HM	3.06
RCG-008		-150HP	3.63
RCG-008		-150HN	1.77
RCG-010	8.600		
RCG-010		+20	0.00
RCG-010		-150HM	4.54
RCG-010		-150HP	5.36
RCG-010		-150HN	2.11
RCG-012	10.700		
RCG-012		+20	0.00
RCG-012		-150HM	0.72
RCG-012		-150HP	7.59
RCG-012		-150HN	3.68
RCG-013	7.200		
RCG-013		+20	0.00
RCG-013		-150HM	3.63
RCG-013		-150HP	3.58
RCG-013		-150HN	2.49
RCG-016	11.000		
RCG-016		+20	2800.00
RCG-016		-150HM	2.33
RCG-016		-150HP	1.69

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SAMPLE NUMBER	ORIGINAL WEIGHT (KG)	FRACTION	WEIGHT (GMS)
-----	-----	-----	-----
RCG-016		-150HN	1.07
RCG-017	12.300		
RCG-017		+20	1500.00
RCG-017		-150HM	4.17
RCG-017		-150HP	2.30
RCG-017		-150HN	2.22
RCG-018	21.000		
RCG-018		+20	9800.00
RCG-018		-150HM	7.84
RCG-018		-150HP	14.11
RCG-018		-150HN	5.23
RCG-019	22.300		
RCG-019		+20	10100.00
RCG-019		-150HM	8.30
RCG-019		-150HP	3.38
RCG-019		-150HN	5.48
RCG-021	15.700		
RCG-021		+20	4300.00
RCG-021		-150HM	9.15
RCG-021		-150HP	16.84
RCG-021		-150HN	3.84
RCG-022	7.600		
RCG-022		+20	0.00
RCG-022		-150HM	6.08
RCG-022		-150HP	5.94
RCG-022		-150HN	6.57
RCG-033	13.000		
RCG-033		+20	1800.00
RCG-033		-150HM	8.44
RCG-033		-150HP	24.00
RCG-033		-150HN	4.29
RCG-040	7.900		
RCG-040		+20	1900.00

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SAMPLE NUMBER	ORIGINAL WEIGHT (KG)	FRACTION	WEIGHT (GMS)
-----	-----	-----	-----
RCG-040		-150HM	1.60
RCG-040		-150HP	1.98
RCG-040		-150HN	0.41
RCG-041	12.000		
RCG-041		+20	400.00
RCG-041		-150HM	0.91
RCG-041		-150HP	0.67
RCG-041		-150HN	0.50

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CODE	SAMPLE NO.	FRACTION	VIAL WEIGHT (gms)
118T	RCG-001	-150HN	1.283
119T	RCG-002	-150HN	1.902
120T	RCG-003	-150HN	2.324
121T	RCG-005	-150HN	1.625
122T	RCG-006	-150HN	1.086
123T	RCG-009	-150HN	0.496
124T	RCG-011	-150HN	0.425
125T	RCG-014	-150HN	1.321
126T	RCG-015	-150HN	2.212
127T	RCG-020	-150HN	1.163
128T	RCG-023	-150HN	1.235
129T	RCG-025	-150HN	5.956
130T	RCG-026	-150HN	3.135
131T	RCG-027	-150HN	1.622
132T	RCG-028	-150HN	2.640
133T	RCG-029	-150HN	2.172
134T	RCG-030	-150HN	2.793
135T	RCG-031	-150HN	0.858
136T	RCG-032	-150HN	3.733
137T	RCG-034	-150HN	4.687
138T	RCG-035	-150HN	1.390
139T	RCG-037	-150HN	1.963
140T	RCG-038	-150HN	4.304
141T	RCG-039	-150HN	0.475
142T	RCG-042	-150HN	0.185

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CODE	SAMPLE NO.	FRACTION	VIAL WEIGHT (gms)	Au ppb	<i>µgm Au</i>
143T	RCG-004	-150HN	4.519	581	
144T	RCG-007	-150HN	4.315	52	
145T	RCG-008	-150HN	1.750	2420	
146T	RCG-010	-150HN	2.066	1720	
147T	RCG-012	-150HN	3.656	76	
148T	RCG-013	-150HN	2.468	997	
149T	RCG-016	-150HN	1.041	814	
150T	RCG-017	-150HN	2.205	4320	
151T	RCG-018	-150HN	5.180	4210	
152T	RCG-019	-150HN	5.452	2250	
153T	RCG-021	-150HN	3.767	8030	
154T	RCG-022	-150HN	6.569	75	
155T	RCG-033	-150HN	4.283	1430	
156T	RCG-040	-150HN	0.369	2910	
157T	RCG-041	-150HN	0.496	6610	



ACTIVATION LABORATORIES LTD

Invoice No.: 1370
 Work Order: 1360
 Invoice Date: 06-NOV-89
 Date Submitted: 25-OCT-89
 Your Reference: 89-753
 Account Number: M-1


MINOVA INC.
 311 WATER ST.
 VANCOUVER, B.C.
 CANADA
 V6B 1B8
 ATTN: I. PIRIE

CERTIFICATE OF ANALYSIS

INAA package, elements and detection limits:

AU	5.	PPB	AG	5.	PPM	AS	2.	PPM	BA	200.	PPM
BR	5.	PPM	CA	1.	%	CO	5.	PPM	CR	10.	PPM
CS	2.	PPM	FE	0.02	%	HF	1.	PPM	HG	5.	PPM
IR	40.	PPB	MO	20.	PPM	NA	500.	PPM	NI	200.	PPM
RB	50.	PPM	SB	0.2	PPM	SC	0.1	PPM	SE	20.	PPM
SR	0.2	%	TA	1.	PPM	TH	0.5	PPM	U	0.5	PPM
W	4.	PPM	ZN	100.	PPM	LA	1.	PPM	CE	3.	PPM
ND	10.	PPM	SM	0.1	PPM	EU	0.2	PPM	TB	2.	PPM
YB	0.2	PPM	LU	0.1	PPM						

CERTIFIED BY :


 DR. ERIC L. HOFFMAN

NOTE* - SAMPLES RCG-019 AND RCG-021 WERE DAMAGED AND CONTAMINATED DURING SHIPMENT

Sample description	AU PPB	AG PPM	AS PPM	BA PPM	BR PPM	CA %	CO PPM	CR PPM	CS PPM	FE %	HF PPM	HG PPM	IR PPB	MO PPM	NA PPM	NI PPM	RB PPM	SB PPM	SC PPM	SE PPM	SR %
✓ RCG-008-150HN	2420	<5	<2	910	19	<3	<5	250	<2	1.56	1700	<5	<40	INT	13800	<200	<50	2.1	24	<20	<0.2
✓ RCG-010-150HN	1720	<5	7	810	25	<1	7	200	<2	1.19	520	<5	<40	INT	12300	<200	<50	0.9	15	<20	<0.2
RCG-016-150HN	814	<5	<2	1400	76	19	13	300	<2	1.98	140	<5	<40	INT	8570	<230	<50	<0.2	22	<20	<0.2
✓ RCG-017-150HN	4320	<5	<2	<200	32	15	20	370	<2	3.99	160	<5	<40	INT	4080	<200	<50	0.6	47	<20	<0.2
✓ RCG-040-150HN	2910	<8	<4	2200	62	26	33	590	<3	3.02	1100	<5	<40	INT	4000	<360	<51	3.5	52	<20	<0.2
✓ RCG-041-150HN	6610	<5	16	1400	63	21	42	580	<2	3.50	280	<5	<40	INT	3400	<270	<50	<0.2	44	<20	<0.2
✓ RCG-004-150HN	581	<5	<2	<200	27	<2	16	310	<2	3.90	200	<5	<40	INT	12300	<200	<50	<0.2	29	<20	<0.2
✓ RCG-007-150HN	52	<5	8	510	26	<2	10	360	<2	2.69	550	<5	<40	23	22300	<200	<50	1.3	27	<20	<0.2
RCG-012-150HN	76	<5	<2	<200	28	16	27	740	<2	4.47	2400	<5	<40	INT	8920	<200	<50	1.8	62	<20	<0.2
RCG-013-150HN	997	<6	<2	550	26	17	23	1100	<2	5.85	770	<5	<40	INT	8970	<200	<50	2.6	60	<20	<0.2
RCG-018-150HN	4210	<5	<2	<200	19	13	27	1600	<2	5.66	140	<5	<40	<20	5080	<200	<50	0.7	65	<20	<0.2
RCG-019-150HN	2250	<5	14	1800	42	16	23	920	<2	5.69	150	<5	<40	<20	11300	<200	<50	1.6	49	<20	<0.2
RCG-021-150HN	8030	<5	17	1800	41	<2	25	900	4	4.92	150	<5	<40	INT	11800	<200	<50	1.7	50	<20	<0.2
RCG-022-150HN	75	<5	<2	580	16	15	22	490	<2	4.94	140	<5	<40	<20	7950	<200	<50	<0.2	49	<20	<0.2
RCG-033-150HN	1430	<5	11	690	<5	19	24	770	<2	4.66	350	<5	<40	<20	7580	<200	<50	<0.2	56	<20	<0.2

12/13
 4, 7, 8, 10, 16, 17, 18, 19, 21, 22
 33, 40, 41

Sample description	TA PPM	TH PPM	U PPM	W PPM	ZN PPM	LA PPM	CE PPM	ND PPM	SM PPM	EU PPM	TB PPM	YB PPM	LV PPM	Mass g
✓ RCG-009-150HN	15	430	110	79	<200	1100	1700	710	100	15.5	<2	48.0	7.8	1.750
✓ RCG-010-150HN	5	120	41	85	<200	380	610	250	41	6.3	4	17.7	2.1	2.066
RCG-015-150HN	4	95	21	<4	<200	1100	1700	810	100	21.4	9	9.3	1.1	1.041
RCG-017-150HN	5	67	17	<4	<200	450	730	380	54	11.4	5	9.8	1.1	2.205
RCG-040-150HN	18	820	150	<10	<200	2400	3800	1700	230	31.5	19	48.7	9.5	0.3690
RCG-041-150HN	10	380	53	44	<200	1200	2000	870	120	14.3	10	14.9	0.2	0.4960
RCG-004-150HN	9	110	19	<4	<200	970	1500	760	86	15.4	<2	14.5	2.7	4.519
RCG-007-150HN	9	110	33	<4	<200	450	760	390	51	8.1	5	23.5	4.5	4.315
RCG-012-150HN	12	190	88	<4	<200	830	1300	720	78	13.2	<2	78.5	9.3	3.655
RCG-013-150HN	14	99	35	<4	<200	430	720	350	49	9.8	6	31.0	5.0	2.468
RCG-018-150HN	5	66	10	<4	<200	360	590	300	39	7.2	3	8.5	1.8	5.180
RCG-019-150HN	3	88	15	9	<200	530	850	410	50	8.5	4	9.8	1.9	4.151
RCG-021-150HN	4	110	16	<4	<200	550	890	430	51	8.6	5	10.2	2.3	4.380
RCG-022-150HN	2	35	7.1	<4	<200	440	710	370	45	9.0	3	7.9	0.7	6.569
RCG-033-150HN	10	110	26	<4	<200	650	1100	520	67	11.6	5	22.0	4.0	4.283

⇒ Green

ACTLABS

ACTIVATION LABORATORIES LTD

Invoice No.: 1385
 Work Order: 1370
 Invoice Date: 14-NOV-89
 Date Submitted: 28-OCT-89
 Your Reference: 89-752
 Account Number: M-1

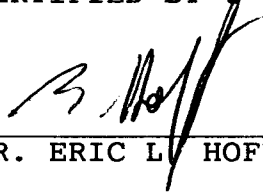
MINOVA INC.
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 VANCOUVER, B.C.
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 ATTN: I. PIRIE

CERTIFICATE OF ANALYSIS

INAA package, elements and detection limits:

AU	5.	PPB	AG	5.	PPM	AS	2.	PPM	BA	200.	PPM
BR	5.	PPM	CA	1.	%	CO	5.	PPM	CR	10.	PPM
CS	2.	PPM	FE	0.02	%	HF	1.	PPM	HG	5.	PPM
IR	40.	PPB	MO	20.	PPM	NA	500.	PPM	NI	200.	PPM
RB	50.	PPM	SB	0.2	PPM	SC	0.1	PPM	SE	20.	PPM
SR	0.2	%	TA	1.	PPM	TH	0.5	PPM	U	0.5	PPM
W	4.	PPM	ZN	100.	PPM	LA	1.	PPM	CE	3.	PPM
ND	10.	PPM	SM	0.1	PPM	EU	0.2	PPM	TB	2.	PPM
YB	0.2	PPM	LU	0.1	PPM						

CERTIFIED BY :



DR. ERIC L. HOFFMAN

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Sample description	AU PPB	AG PPH	AS PPH	BA PPH	BR PPH	CA %	CO PPH	CR PPH	CS PPH	FE %	HF PPH	HG PPH	IR PPB	MO PPH	NA PPH	NI PPH	RB PPH	SB PPH	SC PPH	SE PPH	SR %
RCG-001-150HN	1540	<5	20	<200	18	<2	<5	1200	<2	1.82	1600	<5	<40	INT	9470	<210	<50	2.1	40	<20	<0.2
RCG-002-150HN	813	<6	<2	380	14	<3	19	820	<2	3.98	270	<5	<40	INT	4610	<270	<50	0.7	57	<20	<0.2
RCG-003-150HN	77	<5	13	<200	<5	<2	19	1200	<2	2.43	1400	<5	<40	INT	5150	<230	<50	3.1	55	<20	<0.2
RCG-005-150HN	146	<6	<2	<270	<5	<4	12	550	<2	2.19	2200	<5	<40	INT	7170	<350	<50	<0.4	46	<20	<0.2
RCG-006-150HN	1490	<9	<3	2100	20	<4	15	520	<2	2.56	1900	<5	<40	INT	7460	<400	<55	0.8	45	<20	<0.2
RCG-009-150HN	70	<5	24	2200	27	<4	13	630	<2	1.78	2300	<5	<40	INT	9000	<240	150	<0.3	38	<20	<0.2
RCG-011-150HN	40	<5	15	1300	30	<4	25	830	<2	3.88	2500	<5	<40	INT	4060	<340	<50	3.7	60	<20	<0.2
RCG-014-150HN	17600	<5	<2	5000	21	12	26	640	<2	4.19	330	<5	<40	INT	5210	<200	<50	1.1	53	<20	<0.2
RCG-015-150HN	3980	<5	<2	2200	33	<2	11	240	<2	1.82	260	<5	<40	<20	13600	<210	<50	1.2	19	<20	<0.2
RCG-020-150HN	2110	<5	<2	<200	21	10	18	510	<2	3.71	690	<5	<40	INT	8440	<210	<50	0.7	46	<20	<0.2
RCG-023-150HN	16700	<5	13	1100	17	<3	17	410	<2	1.56	2400	<5	<40	INT	9930	<320	<50	9.5	35	<20	<0.2
RCG-025-150HN	135	<5	<2	380	7	10	9	200	<2	2.10	310	<5	<40	20	7800	<200	<50	1.0	19	<20	<0.2
RCG-026-150HN	662	<5	<2	<200	20	17	13	390	<2	3.90	750	<5	<40	INT	12500	<200	<50	<0.2	35	<20	<0.2
RCG-027-150HN	503	<7	14	<230	18	19	60	870	<2	3.92	780	<5	<40	INT	5030	<320	<50	0.7	53	<20	<0.2
RCG-028-150HN	16500	<5	2300	500	62	16	90	550	<2	8.60	370	<5	<40	INT	12800	<200	<50	2.2	25	<20	<0.2
RCG-029-150HN	25900	<5	78	860	34	10	46	360	2	5.66	360	<5	<40	INT	8560	<200	<50	3.7	18	<20	<0.2
RCG-030-150HN	20900	<16	<5	<460	<5	55	<6	470	<4	3.26	2600	<9	<42	INT	13600	<320	390	5.7	47	<42	<0.2
RCG-031-150HN	1390	<5	9	<220	23	<3	26	790	<2	2.80	1500	<5	<40	INT	7140	<280	<50	3.8	49	<20	<0.2
RCG-032-150HN	1480	<5	10	<200	23	<2	23	1300	7	4.16	280	<5	<40	<20	6830	<200	<50	<0.2	55	<20	<0.2
RCG-034-150HN	26300	<5	<2	<210	<5	<3	21	730	<2	4.56	680	<5	<40	INT	6070	<200	<50	<0.2	56	<20	<0.2
RCG-035-150HN	3580	<5	9	<200	19	14	21	810	<2	3.56	440	<5	<40	INT	4650	2400	<50	2.3	58	<20	<0.2
RCG-037-150HN	27600	<6	<2	<220	<5	<3	<5	570	<2	2.48	460	<5	<40	INT	7090	<300	<50	<0.3	36	<20	0.4
RCG-038-150HN	1950	<8	<2	<200	16	<2	16	600	<2	2.65	210	<5	<40	INT	7740	<200	<50	<0.2	41	<20	<0.2
RCG-039-150HN	<9	<6	<2	910	20	<3	25	970	<2	4.99	200	<5	<40	INT	3050	<270	<50	2.7	64	<20	<0.2
RCG-042-150HN	4250	<24	37	4100	54	<13	<11	350	<6	4.20	1700	<14	<70	INT	6830	<1100	<160	0.5	50	<46	<0.3

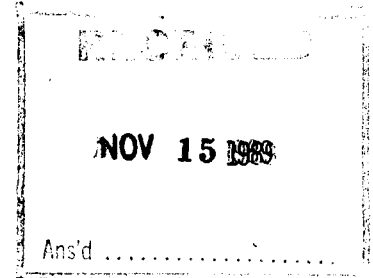
Sample description	TA PPM	TH PPM	U PPM	W PPM	ZN PPM	LA PPM	CE PPM	ND PPM	SM PPM	EU PPM	TB PPM	YB PPM	LU PPM	Mass g
RCG-001-150HN	8	360	110	47	<200	730	1100	520	75	11.8	11	47.9	7.4	1.283
RCG-002-150HN	5	210	49	<5	<200	860	1300	550	84	15.8	5	13.9	1.5	1.902
RCG-003-150HN	4	210	83	<4	<200	580	850	420	57	9.4	9	41.5	6.3	2.324
RCG-005-150HN	16	500	180	47	<200	1400	2000	940	140	23.5	18	73.6	12.1	1.625
RCG-006-150HN	28	440	160	<7	<200	1200	1800	820	130	25.7	23	66.6	12.1	1.096
RCG-009-150HN	17	370	160	140	<200	1200	2100	1000	150	29.2	17	75.1	15.7	0.4950
RCG-011-150HN	13	530	200	100	<200	1200	2100	930	140	17.8	17	87.0	11.9	0.4250
RCG-014-150HN	6	72	26	<4	<200	450	730	360	55	11.9	4	14.7	2.4	1.321
RCG-015-150HN	4	80	16	16	<200	500	690	300	45	10.7	3	10.1	1.7	2.212
RCG-020-150HN	3	180	58	<4	<200	680	1100	490	74	13.7	6	25.4	5.1	1.163
RCG-023-150HN	10	240	130	<5	<200	760	1100	410	75	14.0	11	55.0	5.6	1.235
RCG-025-150HN	2	82	22	<4	<200	330	490	220	27	5.2	4	12.7	2.00	5.956
RCG-026-150HN	15	180	57	<4	<200	740	940	350	46	9.0	5	24.4	3.48	3.135
RCG-027-150HN	12	330	86	50	<200	1000	1500	690	98	17.3	11	34.6	7.5	1.622
RCG-028-150HN	6	110	31	18	<200	470	710	280	39	7.5	4	15.5	1.52	2.640
RCG-029-150HN	4	85	36	37	<200	330	530	220	39	8.8	4	16.3	2.8	2.172
RCG-030-150HN	31	1600	290	170	<200	2400	4700	2300	240	30.5	25	96.1	23.1	2.793
RCG-031-150HN	17	330	120	120	230	1100	1800	820	120	21.1	9	51.1	11.01	0.8580
RCG-032-150HN	5	150	26	<4	<200	630	920	390	54	8.9	5	15.3	1.84	3.733
RCG-034-150HN	14	290	56	49	<200	790	1400	700	62	11.9	9	25.1	4.32	4.687
RCG-035-150HN	11	220	56	140	<200	670	1100	560	88	16.0	9	26.3	4.8	1.390
RCG-037-150HN	12	440	78	640	<200	1300	1800	790	120	21.8	12	24.7	5.1	1.963
RCG-038-150HN	4	240	32	<4	<200	850	1100	440	57	8.6	4	13.0	2.67	4.304
RCG-039-150HN	20	140	42	270	<200	680	1300	730	110	18.9	9	21.9	3.9	0.4750
RCG-042-150HN	5	2100	340	280	<200	4300	7200	3000	450	65.3	54	76.1	16.6	0.1850



ACTIVATION LABORATORIES LTD

Invoice No.: 1370
 Work Order: 1360
 Invoice Date: 06-NOV-89
 Date Submitted: 25-OCT-89
 Your Reference: 89-753
 Account Number: M-1

MINOVA INC.
 311 WATER ST.
 VANCOUVER, B.C.
 CANADA
 V6B 1B8
 ATTN: I. PIRIE

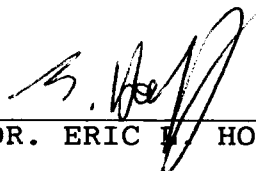


CERTIFICATE OF ANALYSIS

INAA package, elements and detection limits:

AU 5. PPB	AG 5. PPM	AS 2. PPM	BA 200. PPM
BR 5. PPM	CA 1. %	CO 5. PPM	CR 10. PPM
CS 2. PPM	FE 0.02 %	HF 1. PPM	HG 5. PPM
IR 40. PPB	MO 20. PPM	NA 500. PPM	NI 200. PPM
RB 50. PPM	SB 0.2 PPM	SC 0.1 PPM	SE 20. PPM
SR 0.2 %	TA 1. PPM	TH 0.5 PPM	U 0.5 PPM
W 4. PPM	ZN 100. PPM	LA 1. PPM	CE 3. PPM
ND 10. PPM	SM 0.1 PPM	EU 0.2 PPM	TB 2. PPM
YB 0.2 PPM	LU 0.1 PPM		

CERTIFIED BY :


 DR. ERIC HOFFMAN

NOTE* - SAMPLES RCG-019 AND RCG-021 WERE DAMAGED AND CONTAMINATED DURING SHIPMENT

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Sample description	TA PPM	TH PPM	U PPM	W PPM	ZN PPM	LA PPM	CE PPM	NO PPM	SM PPM	EU PPM	TB PPM	YB PPM	LU PPM	Mass g
RCG-008-150HN	15	430	110	79	<200	1100	1700	710	100	15.5	<2	48.0	7.8	1.750
RCG-010-150HN	5	120	41	85	<200	380	610	250	41	6.3	4	17.7	2.1	2.055
RCG-016-150HN	4	95	21	<4	<200	1100	1700	810	100	21.4	9	9.3	1.1	1.041
RCG-017-150HN	5	67	17	<4	<200	450	730	380	54	11.4	5	9.8	1.1	2.205
RCG-040-150HN	18	820	150	<10	<200	2400	3800	1700	230	31.5	19	48.7	9.5	0.3690
RCG-041-150HN	10	380	53	44	<200	1200	2000	870	120	14.3	10	14.9	0.2	0.4960
RCG-004-150HN	9	110	19	<4	<200	970	1500	760	86	15.4	<2	14.5	2.7	4.519
RCG-007-150HN	9	110	33	<4	<200	450	750	390	51	8.1	5	23.5	4.5	4.315
RCG-012-150HN	12	190	88	<4	<200	830	1300	720	78	13.2	<2	78.5	9.3	3.655
RCG-013-150HN	14	99	35	<4	<200	430	720	350	49	9.8	6	31.0	5.0	2.468
RCG-018-150HN	5	66	10	<4	<200	360	590	300	39	7.2	3	8.5	1.8	5.180
RCG-019-150HN	3	88	15	9	<200	530	850	410	50	8.5	4	9.8	1.9	4.151
RCG-021-150HN	4	110	16	<4	<200	550	890	430	51	8.6	5	10.2	2.3	4.380
RCG-022-150HN	2	35	7.1	<4	<200	440	710	370	45	9.0	3	7.9	0.7	6.569
RCG-033-150HN	10	110	26	<4	<200	650	1100	520	67	11.6	5	22.0	4.0	4.283

Sample description	AU PPB	AG PPM	AS PPM	BA PPM	BR PPM	CA %	CO PPM	CR PPM	CS PPM	FE %	HF PPM	HG PPM	IR PPB	MO PPM	NA PPM	NI PPM	RB PPM	SE PPM	SC PPM	SI PPM	SR %
RCG-008-150HN	2420	<5	<2	910	19	<3	<5	250	<2	1.56	1700	<5	<40	INT 13800	<200	<50	2.1	24	<20	<0.2	
RCG-010-150HN	1720	<5	7	810	25	<1	7	200	<2	1.19	520	<5	<40	INT 12300	<200	<50	0.9	15	<20	<0.2	
RCG-016-150HN	814	<5	<2	1400	76	19	13	300	<2	1.98	140	<5	<40	INT 8670	<230	<50	<0.2	22	<20	<0.2	
RCG-017-150HN	4320	<5	<2	<200	32	15	20	370	<2	3.99	160	<5	<40	INT 4080	<200	<50	0.6	47	<20	<0.2	
RCG-040-150HN	2910	<8	<4	2200	62	26	33	590	<3	3.02	1100	<5	<40	INT 4000	<360	<51	3.5	52	<20	<0.2	
RCG-041-150HN	6610	<5	16	1400	63	21	42	580	<2	3.50	290	<5	<40	INT 3400	<270	<50	<0.2	44	<20	<0.2	
RCG-004-150HN	581	<5	<2	<200	27	<2	16	310	<2	3.90	200	<5	<40	INT 12300	<200	<50	<0.2	29	<20	<0.2	
RCG-007-150HN	52	<5	8	510	26	<2	10	360	<2	2.69	550	<5	<40	23 22300	<200	<50	1.3	27	<20	<0.2	
RCG-012-150HN	76	<5	<2	<200	20	16	27	740	<2	4.47	2400	<5	<40	INT 8920	<200	<50	1.8	62	<20	<0.2	
RCG-013-150HN	997	<6	<2	550	26	17	23	1100	<2	5.85	770	<5	<40	INT 8970	<200	<50	2.6	60	<20	<0.2	
RCG-018-150HN	4210	<5	<2	<200	19	13	27	1600	<2	5.66	140	<5	<40	<20 5090	<200	<50	0.7	65	<20	<0.2	
RCG-019-150HN	2250	<5	14	1800	42	16	23	920	<2	5.69	150	<5	<40	<20 11300	<200	<50	1.6	49	<20	<0.2	
RCG-021-150HN	8030	<5	17	1800	41	<2	25	900	4	4.92	150	<5	<40	INT 11900	<200	<50	1.7	50	<20	<0.2	
RCG-022-150HN	75	<5	<2	580	16	15	22	490	<2	4.94	140	<5	<40	<20 7950	<200	<50	<0.2	49	<20	<0.2	
RCG-033-150HN	1430	<5	11	690	<5	19	24	770	<2	4.66	350	<5	<40	<20 7580	<200	<50	<0.2	56	<20	<0.2	



ACTIVATION LABORATORIES LTD

Invoice No.: 1385
 Work Order: 1370
 Invoice Date: 14-NOV-89
 Date Submitted: 28-OCT-89
 Your Reference: 89-752
 Account Number: M-1

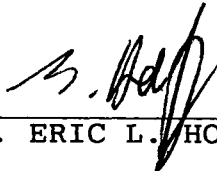
MINOVA INC.
 311 WATER ST.
 VANCOUVER, B.C.
 CANADA
 V6B 1B8
 ATTN: I. PIRIE

CERTIFICATE OF ANALYSIS

 INAA package, elements and detection limits:

AU	5.	PPB	AG	5.	PPM	AS	2.	PPM	BA	200.	PPM
BR	5.	PPM	CA	1.	%	CO	5.	PPM	CR	10.	PPM
CS	2.	PPM	FE	0.02	%	HF	1.	PPM	HG	5.	PPM
IR	40.	PPB	MO	20.	PPM	NA	500.	PPM	NI	200.	PPM
RB	50.	PPM	SB	0.2	PPM	SC	0.1	PPM	SE	20.	PPM
SR	0.2	%	TA	1.	PPM	TH	0.5	PPM	U	0.5	PPM
W	4.	PPM	ZN	100.	PPM	LA	1.	PPM	CE	3.	PPM
ND	10.	PPM	SM	0.1	PPM	EU	0.2	PPM	TB	2.	PPM
YB	0.2	PPM	LU	0.1	PPM						

CERTIFIED BY :


 DR. ERIC L. HOFFMAN

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Sample description	AU PPB	AG PPM	AS PPM	BA PPM	BR PPM	CA %	CO PPM	CR PPM	CS PPM	FE %	HF PPM	HG PPM	IR PPB	MO PPM	NA PPM	NI PPM	RB PPM	SB PPM	SC PPM	SE PPM	SR %
RCG-001-150HN	1540	<5	20	<200	18	<2	<5	1200	<2	1.82	1600	<5	<40	INT	9470	<210	<50	2.1	40	<20	<0.2
RCG-002-150HN	913	<6	<2	380	14	<3	19	820	<2	3.98	270	<5	<40	INT	4610	<270	<50	0.7	57	<20	<0.2
RCG-003-150HN	77	<5	13	<200	<5	<2	19	1200	<2	2.43	1400	<5	<40	INT	5150	<230	<50	3.1	55	<20	<0.2
RCG-005-150HN	146	<6	<2	<270	<5	<4	12	550	<2	2.19	2200	<5	<40	INT	7170	<350	<50	<0.4	46	<20	<0.2
RCG-006-150HN	1490	<9	<3	2100	20	<4	15	520	<2	2.56	1900	<5	<40	INT	7460	<400	<55	0.8	45	<20	<0.2
RCG-009-150HN	70	<5	24	2200	27	<4	13	630	<2	1.78	2300	<5	<40	INT	9000	<240	150	<0.3	38	<20	<0.2
RCG-011-150HN	40	<5	15	1300	30	<4	25	830	<2	3.88	2500	<5	<40	INT	4060	<340	<50	3.7	60	<20	<0.2
RCG-014-150HN	17600	<5	<2	5000	21	12	26	640	<2	4.19	330	<5	<40	INT	5210	<200	<50	1.1	53	<20	<0.2
RCG-015-150HN	3980	<5	<2	2200	33	<2	11	240	<2	1.82	260	<5	<40	<20	13600	<210	<50	1.2	19	<20	<0.2
RCG-020-150HN	2110	<5	<2	<200	21	10	18	510	<2	3.71	690	<5	<40	INT	8440	<210	<50	0.7	46	<20	<0.2
RCG-023-150HN	16700	<5	13	1100	17	<3	17	410	<2	1.56	2400	<5	<40	INT	9930	<320	<50	9.5	35	<20	<0.2
RCG-025-150HN	135	<5	<2	380	7	10	9	200	<2	2.10	310	<5	<40	20	7900	<200	<50	1.0	19	<20	<0.2
RCG-026-150HN	662	<5	<2	<200	20	17	13	390	<2	3.90	750	<5	<40	INT	12500	<200	<50	<0.2	35	<20	<0.2
RCG-027-150HN	503	<7	14	<230	18	19	60	870	<2	3.92	780	<5	<40	INT	5030	<320	<50	0.7	53	<20	<0.2
RCG-028-150HN	16500	<5	2300	500	62	16	90	550	<2	8.60	370	<5	<40	INT	12800	<200	<50	2.2	25	<20	<0.2
RCG-029-150HN	25900	<5	78	860	34	10	46	360	2	5.66	360	<5	<40	INT	8560	<200	<50	3.7	18	<20	<0.2
RCG-030-150HN	20900	<16	<5	<460	<5	55	<6	470	<4	3.26	2600	<9	<42	INT	13600	<320	390	5.7	47	<42	<0.2
RCG-031-150HN	1390	<5	9	<220	23	<3	26	790	<2	2.88	1500	<5	<40	INT	7140	<280	<50	3.8	49	<20	<0.2
RCG-032-150HN	1480	<5	10	<200	23	<2	23	1300	7	4.16	280	<5	<40	<20	6830	<200	<50	<0.2	55	<20	<0.2
RCG-034-150HN	26300	<5	<2	<210	<5	<3	21	730	<2	4.56	680	<5	<40	INT	6070	<200	<50	<0.2	56	<20	<0.2
RCG-035-150HN	3580	<5	9	<200	19	14	21	810	<2	3.56	440	<5	<40	INT	4650	2400	<50	2.3	58	<20	<0.2
RCG-037-150HN	27600	<6	<2	<220	<5	<3	<5	570	<2	2.48	460	<5	<40	INT	7090	<300	<50	<0.3	36	<20	0.4
RCG-038-150HN	1950	<8	<2	<200	16	<2	16	600	<2	2.65	210	<5	<40	INT	7740	<200	<50	<0.2	41	<20	<0.2
RCG-039-150HN	<9	<6	<2	910	20	<3	25	970	<2	4.99	200	<5	<40	INT	3050	<270	<50	2.7	64	<20	<0.2
RCG-042-150HN	4250	<24	37	4100	54	<13	<11	350	<6	4.20	1700	<14	<70	INT	6830	<1100	<160	0.5	50	<46	<0.3

Sample description	TA PPM	TH PPM	U PPM	W PPM	ZN PPM	LA PPM	CE PPM	ND PPM	SH PPM	EU PPM	TB PPM	YB PPM	LU PPM	Mass g
RCG-001-150HN	8	360	110	47	<200	730	1100	520	75	11.8	11	47.9	7.4	1.283
RCG-002-150HN	5	210	49	<5	<200	860	1300	550	84	15.8	5	13.9	1.5	1.902
RCG-003-150HN	4	210	83	<4	<200	580	850	420	57	9.4	9	41.5	6.3	2.324
RCG-005-150HN	16	500	180	47	<200	1400	2000	940	140	23.5	18	73.6	12.1	1.625
RCG-006-150HN	28	440	160	<7	<200	1200	1800	820	130	25.7	23	66.6	12.1	1.086
RCG-009-150HN	17	370	160	140	<200	1200	2100	1000	190	29.2	17	75.1	15.7	0.4960
RCG-011-150HN	13	530	200	100	<200	1200	2100	930	140	17.8	17	87.0	11.9	0.4250
RCG-014-150HN	6	72	26	<4	<200	450	730	360	55	11.9	4	14.7	2.4	1.321
RCG-015-150HN	4	80	16	16	<200	500	690	300	45	10.7	3	10.1	1.7	2.212
RCG-020-150HN	3	180	58	<4	<200	680	1100	490	74	13.7	6	25.4	5.1	1.163
RCG-023-150HN	10	240	130	<5	<200	760	1100	410	75	14.0	11	55.0	5.6	1.235
RCG-025-150HN	2	82	22	<4	<200	330	480	220	27	5.2	4	12.7	2.00	5.956
RCG-026-150HN	15	180	57	<4	<200	740	940	350	46	9.0	5	24.4	3.48	3.135
RCG-027-150HN	12	330	86	50	<200	1000	1500	690	90	17.3	11	34.6	7.5	1.622
RCG-028-150HN	6	110	31	18	<200	470	710	280	39	7.5	4	15.5	1.52	2.640
RCG-029-150HN	4	85	36	37	<200	330	530	220	39	8.8	4	16.3	2.8	2.172
RCG-030-150HN	31	1600	290	170	<200	2400	4700	2300	240	30.5	25	96.1	23.1	2.793
RCG-031-150HN	17	330	120	120	230	1100	1800	820	120	21.1	9	51.1	11.01	0.8580
RCG-032-150HN	5	150	26	<4	<200	630	920	390	54	8.9	5	15.3	1.84	3.733
RCG-034-150HN	14	290	56	49	<200	790	1400	700	62	11.9	9	25.1	4.32	4.687
RCG-035-150HN	11	220	56	140	<200	670	1100	560	88	16.0	9	26.3	4.8	1.390
RCG-037-150HN	12	440	78	640	<200	1300	1800	790	120	21.8	12	24.7	5.1	1.963
RCG-038-150HN	4	240	32	<4	<200	850	1100	440	57	8.6	4	13.0	2.67	4.304
RCG-039-150HN	20	140	42	270	<200	680	1300	730	110	18.9	9	21.9	3.9	0.4750
RCG-042-150HN	5	2100	340	280	<200	4300	7200	3000	450	65.3	54	76.1	16.6	0.1850