



# Certificate of Analysis

AGAT WORK ORDER: 25C235798

PROJECT:

2620 21st Street NE  
CALGARY, ALBERTA  
CANADA T2E 7L3  
TEL (403) 765-1200

<http://www.agatlabs.com>

CLIENT NAME: AGAT CLIENT AB

ATTENTION TO: M. Mackay, M. Kiesman

## (201-179) (Over Limit) Sodium Peroxide Fusion with ICP-OES and/or ICP-MS Finish (CGY)

DATE SAMPLED: Jan 02, 2025	DATE RECEIVED: Dec 19, 2024	DATE REPORTED: Jan 31, 2025	SAMPLE TYPE: Rock
Analyte:	Pb	Zn	
Unit:	ppm	ppm	
RDL:	200	100	
Sample ID (AGAT ID)			
24BND003 (6441398)	22600		
24BND004 (6441399)	34400		
24BND006 (6441400)	32000		
24BND007 (6441401)	69800		
24BND002 (6441419)	80400	88600	
24BND005 (6441420)	79500	83400	

Comments: RDL - Reported Detection Limit

6441398-6441420 Analysis completed at AGAT 2620 Calgary

Analysis performed at AGAT Calgary (unless marked by \*)

Insufficient Sample : IS

Sample Not Received : SNR

Certified By:



**AGAT** Laboratories

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## (201-378) Sodium Peroxide Fusion with ICP-OES and ICP-MS Finish (CGY)

DATE SAMPLED: Jan 02, 2025

DATE RECEIVED: Dec 19, 2024

DATE REPORTED: Jan 30, 2025

SAMPLE TYPE: Rock

Analyte:	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Dy
Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
Sample ID (AGAT ID)	RDL:													
24BND001 (6441397)	1.54	<5	24	159	<20	1.7	0.49	173	9.7	4	0.009	1.2	2770	0.35
24BND003 (6441398)	0.37	<5	<20	32	<20	<0.1	0.33	328	1.9	4	0.003	0.7	3780	0.13
24BND004 (6441399)	3.55	<5	55	248	<20	1.2	0.41	259	15.1	6	0.002	2.2	3000	0.64
24BND006 (6441400)	3.10	<5	55	214	<20	0.5	0.82	227	22.5	6	<0.002	1.9	4380	0.78
24BND007 (6441401)	0.23	<5	<20	19	<20	0.5	0.08	454	1.6	5	0.003	<0.1	7390	<0.05
24BND002 (6441419)	1.09	<5	<20	78	<20	0.3	0.30	1350	5.6	15	<0.002	0.5	8560	0.94
24BND005 (6441420)	0.68	5	<20	59	<20	15.7	0.27	1300	6.6	15	0.002	0.3	10000	0.19

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ATTENTION TO: M. Mackay, M. Kiesman

## (201-378) Sodium Peroxide Fusion with ICP-OES and ICP-MS Finish (CGY)

DATE SAMPLED: Jan 02, 2025

DATE RECEIVED: Dec 19, 2024

DATE REPORTED: Jan 30, 2025

SAMPLE TYPE: Rock

Analyte:	Er	Eu	Fe	Ga	Gd	Ge	Ho	In	K	La	Li	Lu	Mg	Mn
Unit:	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm
RDL:	0.05	0.05	0.01	0.5	0.05	1	0.05	0.2	0.05	0.1	10	0.05	0.01	10
Sample ID (AGAT ID)														
24BND001 (6441397)	0.19	0.25	1.07	3.8	0.44	6	0.08	<0.2	0.81	6.0	<10	<0.05	0.14	256
24BND003 (6441398)	0.07	0.09	1.10	1.1	0.12	5	<0.05	<0.2	0.20	1.1	<10	<0.05	0.06	204
24BND004 (6441399)	0.40	0.31	1.21	8.1	0.80	4	0.12	<0.2	1.85	9.6	<10	0.06	0.17	212
24BND006 (6441400)	0.48	0.44	1.69	7.2	0.99	4	0.15	<0.2	1.53	14.3	15	0.09	0.27	403
24BND007 (6441401)	<0.05	<0.05	1.22	0.6	<0.05	4	<0.05	<0.2	0.15	1.1	<10	<0.05	<0.01	75
[REDACTED]														
[REDACTED]														
[REDACTED]														
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24BND002 (6441419)	0.56	0.27	1.83	2.6	0.69	4	0.19	<0.2	0.56	3.3	<10	0.06	0.09	167
24BND005 (6441420)	0.11	0.13	1.78	1.9	0.22	3	<0.05	<0.2	0.36	4.4	<10	<0.05	0.07	135
[REDACTED]														
[REDACTED]														
[REDACTED]														

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ATTENTION TO: M. Mackay, M. Kiesman

### (201-378) Sodium Peroxide Fusion with ICP-OES and ICP-MS Finish (CGY)

DATE SAMPLED: Jan 02, 2025	DATE RECEIVED: Dec 19, 2024					DATE REPORTED: Jan 30, 2025					SAMPLE TYPE: Rock				
Analyte:	Mo	Nb	Nd	Ni	P	Pb	Pr	Rb	S	Sb	Sc	Se	Si	Sm	
Unit:	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	
RDL:	5	5	1	10	0.01	1	0.05	2	0.01	1	10	5	0.1	0.1	
24BND001 (6441397)	<5	5	4	45	0.03	8920	0.99	35	1.05	7	<10	<5	39.9	0.6	
24BND003 (6441398)	<5	5	<1	<10	0.02	>10000	0.20	7	2.01	33	<10	<5	39.9	0.2	
24BND004 (6441399)	<5	6	6	<10	0.03	>10000	1.57	84	1.91	31	<10	<5	35.4	1.0	
24BND006 (6441400)	<5	7	8	<10	0.03	>10000	2.24	59	2.08	10	<10	<5	35.1	1.3	
24BND007 (6441401)	<5	7	<1	<10	0.01	>10000	0.17	5	3.39	137	<10	9	36.5	<0.1	
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	
24BND002 (6441419)	<5	<5	3	<10	0.02	>10000	0.67	22	7.00	154	<10	<5	30.7	6.0	
24BND005 (6441420)	<5	<5	2	<10	0.01	>10000	0.61	12	6.70	450	<10	17	31.6	0.6	
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	

Certified By:





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CLIENT NAME: AGAT CLIENT AB

ATTENTION TO: M. Mackay, M. Kiesman

## (201-378) Sodium Peroxide Fusion with ICP-OES and ICP-MS Finish (CGY)

DATE SAMPLED: Jan 02, 2025

DATE RECEIVED: Dec 19, 2024

DATE REPORTED: Jan 30, 2025

SAMPLE TYPE: Rock

Analyte:	Unit:	RDL:
Zn	ppm	10
Sample ID (AGAT ID)		
24BND001 (6441397)		12600
24BND003 (6441398)		24100
24BND004 (6441399)		17300
24BND006 (6441400)		17300
24BND007 (6441401)		30300
[REDACTED]		[REDACTED]
[REDACTED]		[REDACTED]
[REDACTED]		[REDACTED]
[REDACTED]		[REDACTED]
[REDACTED]		[REDACTED]
[REDACTED]		[REDACTED]
[REDACTED]		[REDACTED]
[REDACTED]		[REDACTED]
[REDACTED]		[REDACTED]
[REDACTED]		[REDACTED]
[REDACTED]		[REDACTED]
[REDACTED]		[REDACTED]
[REDACTED]		[REDACTED]
[REDACTED]		[REDACTED]
[REDACTED]		[REDACTED]
24BND002 (6441419)		>50000
24BND005 (6441420)		>50000
[REDACTED]		[REDACTED]
[REDACTED]		[REDACTED]
[REDACTED]		[REDACTED]

[REDACTED] - Reported Detection Limit

6441397-6441425 Analysis completed at AGAT 2620 Calgary

Analysis performed at AGAT Calgary (unless marked by \*)

Insufficient Sample : IS

Sample Not Received : SNR

Certified By:





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ATTENTION TO: M. Mackay, M. Kiesman

(200-) Sample Login Weight

DATE SAMPLED: Jan 02, 2025

DATE RECEIVED: Dec 19, 2024

DATE REPORTED: Jan 02, 2025

SAMPLE TYPE: Rock

Comments: RDL - Reported Detection Limit

6441397-6441425 Analysis completed at AGAT 3500 Calgary

Analysis performed at AGAT Calgary (unless marked by \*)

Insufficient Sample : IS

Sample Not Received : SNR

Certified By:





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PROJECT:

2620 21st Street NE  
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CLIENT NAME: AGAT CLIENT AB

ATTENTION TO: M. Mackay, M. Kiesman

## Sieving - % Passing (Crushing) (CGY)

DATE SAMPLED: Jan 02, 2025

DATE RECEIVED: Dec 19, 2024

DATE REPORTED: Jan 31, 2025

SAMPLE TYPE: Rock

Analyte:	Crush-Pass
	%
Unit:	%
RDL:	0.1
Sample ID (AGAT ID)	
24BND001 (6441397)	84.72

Comments: RDL - Reported Detection Limit  
Analysis performed at AGAT Calgary (unless marked by \*)  
Insufficient Sample : IS  
Sample Not Received : SNR

Certified By:



**AGAT** Laboratories

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ATTENTION TO: M. Mackay, M. Kiesman

### Sieving - % Passing (Pulverizing) (CGY)

DATE SAMPLED: Jan 02, 2025

DATE RECEIVED: Dec 19, 2024

DATE REPORTED: Jan 31, 2025

SAMPLE TYPE: Rock

	Analyte: Pul-Pass %
	Unit: %
Sample ID (AGAT ID)	RDL: 0.1
24BND001 (6441397)	98.71

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT Calgary (unless marked by \*)

Insufficient Sample : IS

Sample Not Received : SNR

Certified By: