



SETSCO

# TEST REPORT

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Our Ref • . CE-8500317108/OYN

Date : 18/06/2024

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Subject .. Analysis on sample submitted by Chemical Industries (Far East) Limited on 10/06/2024 and test commenced on 11/06/2024.

Tested For .. Chemical Industries (Far East) Limited  
3 Jalan Samulun  
Singapore 629127  
Attn : Ms Eileen Poh

Sample Description .. Low Bromide Salt  
07062024T

Results .. Refer to the next page.

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## Results:

S/No.	Parameter	Test Method	Unit	Result	Specification
1	Antimony	ICP-MS	mg/kg	<5	≤20
2	Arsenic	ICP-MS	mg/kg	34.0	≤33.3
3	Barium	ICP-MS	mg/kg	<5	≤6666.7
4	Beryllium	ICP-MS	mg/kg	<10	≤13.3
5	Cadmium	ICP-MS	mg/kg	<16.8	≤16.7
6	Calcium	ICP-OES	%w/w	<0.1	≤0.01
7	Chromium	ICP-MS	mg/kg	<5	≤333.3
8	Copper	ICP-MS	mg/kg	<2	≤3
9	Lead	ICP-MS	mg/kg	<5	≤7
10	Mercury	ICP-MS	mg/kg	<5	≤6.7
11	Selenium	ICP-MS	mg/kg	<10	≤166.7
12	Thallium	ICP-MS	mg/kg	<5	≤6.7
13	Uranium	ICP-OES	mg/kg	<10	≤66.7
14	Magnesium	ICP-OES	%w/w	<0.0005	≤0.01
15	Iron	ICP-OES	%w/w	<0.0005	≤0.0005
16	Manganese	ICP-MS	%w/w	<0.00002	≤0.00002
17	Moisture	Gravimetric	% w/w	<0.2	≤0.2
18	Water-insolubles Impurities	Gravimetric	% w/w	<0.005	≤0.005
19	Dry Sodium Chloride (NaCl)	Titration	% w/w	80	≥99.5
20	Bromide	Ion Chromatography	mg/kg	58	≤54
21	Sulphate	Ion Chromatography	%w/w	0.017	≤0.35
22	Magnesium Chloride	Calculation	%w/w	<0.05	≤0.06
23	Magnesium Sulfate	Calculation	%w/w	<0.03	≤0.02
24	Fluoride	Ion Chromatography	%w/w	<0.002	≤0.002
25	Calcium Sulfate	Calculation	%w/w	0.14	≤0.14
26	Total impurities (Soluble & insoluble)	Calculation		0.004	≤0.5
27	Grease, fat or oil	APHA 5520B	%w/w	<0.005	≤0.01
28	pH of 5% salt solution	pH meter		4.999	5 to 9.5



IRENE LI  
SENIOR CHEMIST



OOI YEN NEE  
MANAGER