

H&I Chemicals Ltd

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SALES SPECIFICATION

SODIUM CARBONATE POWDER (SODA ASH LIGHT)

Total Alkali Na_2CO_3	99.00% min.
Total Alkali Na_2O	57.90% min.
Bicarbonate NaHCO_3	0.70 % max.
Moisture (loss on heating)	0.50% max.
Insolubles in water @ 20°C	200 mg/kg max.
Chloride NaCl	0.30% max.
Sulphate Na_2SO_4	400 mg/kg max.
Iron Fe_2O_3	30 mg/kg max.
Fluoride F	15 mg/kg max.
Arsenic AS	1 mg/kg max.
Cadmium Cd	1 mg/kg max.
Chromium Cr	1 mg/kg max.
Cobalt Co	1 mg/kg max.
Copper Cu	1 mg/kg max.
Lead Pb	1 mg/kg max.
Manganese Mn	1 mg/kg max.
Mercury Hg	0.1 mg/kg max.
Nickel Ni	1 mg/kg max.

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Titanium Ti 1 mg/kg max.

Vanadium V 1 mg/kg max.

Physical Properties:

Pouring Density: 480- 600 kg / m³

Particle Size Typical % by Weight:

>2800 microns:	0.4%
425 – 2800 microns	1.95%
125 – 425 microns	23.34%
63 – 125 microns	46.06%
<63 microns	22.78%

Average Median Size 100µm ± 20

Issue date: January 2024