

PRODUCT DATA SHEET
Sodium Bisulfate, Anhydrous, Technical Grade

Properties

Formula: NaHSO₄ – Molecular weight is 120.06

CAS No.: 7681-38-1

Physical form: White to off-white odorless granules. Spherical shaped bead approximately 0.75 mm in diameter.

Solubility: Soluble in water.

pH of a 5% aqueous solution: Approximately 1.0

Analysis

	<u>Typical</u>	<u>Range</u>
Assay (% NaHSO ₄)	94.5	92.0 – 96.0
Inerts (%)	5.3	3.4 – 7.9
Moisture (% H ₂ O)	0.2	0.1 – 0.6
Water-insoluble substances (%)	< 0.03	< 0.05
Bulk density (lbs./ft ³)	86	82 – 90
(g/cc)	1.38	1.31 – 1.44
Chloride (mg/kg)	300	100 – 800
Iron (mg/kg)	8	< 20

Particle size, US Standard Screen (weight %)

<u>Mesh</u>	<u>Microns</u>	<u>Typical</u>	<u>Range</u>
Thru 10 on 20	841	42	8 – 75
Thru 20 on 40	420	51	34 – 68
Thru 40 on 60	250	7	0 – 28
Thru 60 on 100	149	0.07	0.01 – 0.50
Thru 100 on Pan	< 149	0	0 – 0.02

Additional Information

- NSF/ANSI Standard 60: Function – Corrosion and scale control, pH adjustment; maximum use rate = 500 mg/L
- The shelf life of this product is 3 years from the manufactured date.
- Sodium Bisulfate is produced following a Quality Management System certified to the ISO 9001:2008 Standard.

Jones-Hamilton Co.

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