



TECHNICAL DATA SHEET

SODIUM THIOSULFATE PENTAHYDRATE LR

Sodium hyposulfite pentahydrate

Article No.	318361000	Molecular Formula	Na ₂ S ₂ O ₃ .5H ₂ O
H.S. Code	2832.3000	Molecular Weight	248.17
CAS No.	10102-17-7		

Physical Properties

Physical state at 20 °C	Solid
Colour	Colorless crystals
Odour	Odorless
pH value	6 - 8.5
Melting point [°C]	48°C
Boiling point [°C]	> 100°C
Density [g/cm ³]	1.75
Solubility in water [% weight]	79g/100 ml water @ 40C

Specifications

Assay (iodometric) 99-100.5%
Identity Passes test
Appearance of solution Passes test
pH (5% sol in water) 6.0-8.4
Chloride (Cl) Max 0.05%
Sulfate and sulfite (as SO₄) Max 0.2%
Sulfide (S) Passes test
Heavy metal (as Pb) Max 0.001%
Calcium (Ca) Passes test
Water (H₂O) 32.0-37.0%