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Product Specifications



Catalogue Number	07210
Product	Sodium sulfide trihydrate
CAS Number	27610-45-3
Molecular Formula	Na ₂ S • 3H ₂ O
Molecular Weight	132.09

Appearance	Yellow flake
Bulk density	0.7 - 0.8 g/cc
Cation	Iron (Fe) : ≤ 10 ppm, Mercury (Hg) : ≤ 0.5 ppm Lead (Pb) : ≤ 2.5 ppm, Cadmium (Cd) : ≤ 0.3 ppm Arsenic (As) : ≤ 1 ppm, Chromium (Cr) : ≤ 2 ppm, Nickel (Ni) : ≤ 3.5 ppm
Insoluble	≤ 0.1% (in water)
Particle Size	≥ 15% pass thru 4 Mesh ≥ 90% pass thru 18 Mesh ≥ 98.5% pass thru 100 Mesh
Related Substances	Sodium Thiosulfate : ≤ 2% tetrahydrate
Assay by titration	≥ 60% (Acid Metric)
Storage	Store at 2 - 8 °C

For Laboratory Use Only