

Chem-Impex International, Inc.

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Certificate of Analysis

Catalogue Number	07210
Lot Number	001956-220322
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	0.74 g/cc
Cation	Iron (Fe) : 1.8 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	0.0% (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%
Assay by titration	61.2% (Acid Metric)
Storage	Store at 2 - 8 °C
Remarks	See material safety data sheet for additional information For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



Bala Kumar
Quality Control Manager