



Technical Data Sheet

Sales Specifications

SODIUM THIOSULFATE 99%

Pentahydrate - Photo Grade

GCR Number: STHIOP99-4700NTJH

CAS #7772-98-7

Formula: $\text{Na}_2\text{S}_2\text{O}_3 \cdot 5\text{H}_2\text{O}$

Characteristics	Basis	Specifications
Assay	% by weight	99% min
Sodium Sulfide as S	ppm	1 ppm max.
Iron as Fe	ppm	10ppm max.
Heavy Metals as Pb	ppm	6ppm max.
Acidity as H ₂ SO ₄	% by weight	0.01% max
Alkalinity as NaOH	% by weight	0.015% max.
Water Insoluble Matter	% by weight	0.2% max.
Particle Size on 4 mesh	% by weight	1.0% max.
Particle Size thru 14 mesh	% by weight	5.0% max.

Appearance

White crystal larger cuboid

Standard Packaging

25kg/50lb kraft paper bags

Shelf Life

2 years

Additional Information

Used in fixers, plating, leather, reductant, dechlorinating agent, sulfur dyeing agent, as a blush preventive agent, and as a disinfectant and decolor agent.

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