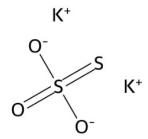
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CERTIFICATE OF ANALYSIS Standard product specification

Potassium Thiosulfate

CAS 10294-66-3 · K2O3S2 · ≥98% Technical Solution



STRUCTURAL FORMULA

1. PRODUCT IDENTITY

Product name	Potassium Thiosulfate
C.A.S. number	10294-66-3
Molecular formula	K2O3S2
Molecular weight	190.33 g/mol
Grade / standard	≥98% Technical Solution
Description	Clear colorless liquid
Product group	Potassium Compounds
Category	Inorganic Salts & Compounds
Country of origin	India
Packing	Bags, drums, carboys, IBC or ISO tank as applicable — customer-specified packing available
Storage	Cool, dry, well-ventilated place in tightly closed original packing

2. ANALYTICAL SPECIFICATION

S. NO.	TEST PARAMETER	SPECIFICATION	TYPICAL RESULT	METHOD
1	Description	Clear colorless liquid	Complies	Visual
2	Identification	Conforms to the structure of the substance	Complies	FTIR / Chemical test
3	Assay	Not less than 98.0 % w/w	98.82	Titrimetry / Instrumental
4	Specific Gravity at 25 °C	As per specification	Conforms	Hydrometry / ASTM D4052

5	Colour (APHA)	Not more than 30	12	ASTM D1209
6	Chloride (as Cl)	Not more than 0.01 % w/w	0.0034	Turbidimetry / IC
7	Sulphate (as SO4)	Not more than 0.02 % w/w	0.0034	Turbidimetry / IC
8	Iron (as Fe)	Not more than 20 ppm	5.4 ppm	ICP-OES / AAS
9	Heavy Metals (as Pb)	Not more than 10 ppm	Less than 5 ppm	ICP-OES

3. DECLARATION

This document sets out the standard specification for Potassium Thiosulfate and applies to all consignments of this product and grade supplied by Scapex Exports Pvt. Ltd. It is not a lot-specific release document; a lot-specific certificate carrying the analysis of the material actually shipped is issued with, and travels with, each consignment. Scapex Exports supplies against customer-specified assay limits and pharmacopoeial standards — send your specification sheet and we confirm compliance in writing before the order is accepted.

