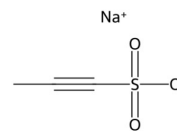


CERTIFICATE OF ANALYSIS

Standard product specification

Sodium Propyne Sulfonate

Formulated product · C₃H₃NaO₃S · ≥97% Technical


STRUCTURAL FORMULA

1. PRODUCT IDENTITY

Product name	Sodium Propyne Sulfonate
C.A.S. number	Applicable to blend — on request
Molecular formula	C ₃ H ₃ NaO ₃ S
Molecular weight	142.11 g/mol
Grade / standard	≥97% Technical
Description	White to light yellow crystalline powder/solution
Product group	Brightener Additives
Category	Metal Treatment & Electroplating Chemicals
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	White to light yellow crystalline powder/solution	Complies	Visual
2	Assay	Not less than 97.0 % w/w	97.87	Titrimetry / Instrumental
3	Specific Gravity at 25 °C	As per specification	Conforms	Hydrometry / ASTM D4052
4	Colour (APHA)	Not more than 30	17	ASTM D1209

5	Chloride (as Cl)	Not more than 0.01% w/w	0.0031	Turbidimetry / IC
6	Sulphate (as SO ₄)	Not more than 0.02 % w/w	0.0026	Turbidimetry / IC
7	Iron (as Fe)	Not more than 20 ppm	6.0 ppm	ICP-OES / AAS
8	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 Sodium Propyne Sulfonate 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.



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