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CIN U46909GJ2025PTC164345

CERTIFICATE OF ANALYSIS

Standard product specification

Stiffening Agent Modified Starch

CAS 9005-25-8 · ≥90% Purity

1. PRODUCT IDENTITY

Product name	Stiffening Agent Modified Starch
C.A.S. number	9005-25-8
Grade / standard	≥90% Purity
Description	White powder
Product group	Finishing
Category	Textile Auxiliaries & Finishes
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 powder	Complies	Visual
2	Identification	Conforms to the structure of the substance	Complies	FTIR / Chemical test
3	Solubility	As per specification	Complies	Visual / Monograph
4	Assay	Not less than 90.0 % w/w	90.87	Titrimetry / Instrumental
5	Volatile Matter	Not more than 1.0 % w/w	0.15	Gravimetry
6	Ash Content	Not more than 0.5 % w/w	0.149	Gravimetry
7	Softening / Melting Point	As per specification	Conforms	ASTM D3461 / Capillary

8	Residue on 63 µm Sieve	Not more than 0.5 %	0.173	Sieve analysis
9	Heavy Metals (as Pb)	Not more than 20 ppm	Less than 10 ppm	ICP-OES
10	Moisture	Not more than 1.0 % w/w	0.25	Karl Fischer / Gravimetry

3. DECLARATION

This document sets out the standard specification for Stiffening Agent Modified Starch 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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