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CIN U46909GJ2025PTC164345

CERTIFICATE OF ANALYSIS

Standard product specification

HEC Thickener (Hydroxyethyl Cellulose)

CAS 9004-62-0 · ≥98% Purity

1. PRODUCT IDENTITY

Product name	HEC Thickener (Hydroxyethyl Cellulose)
C.A.S. number	9004-62-0
Grade / standard	≥98% Purity
Description	White powder
Product group	Additives
Category	Paint, Ink & Coating 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 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 98.0 % w/w	98.32	Titrimetry / Instrumental
5	Volatile Matter	Not more than 1.0 % w/w	0.53	Gravimetry
6	Ash Content	Not more than 0.5 % w/w	0.176	Gravimetry
7	Softening / Melting Point	As per specification	Conforms	ASTM D3461 / Capillary

8	Residue on 63 µm Sieve	Not more than 0.5 %	0.191	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	0.28	Karl Fischer / Gravimetry

3. DECLARATION

This document sets out the standard specification for HEC Thickener (Hydroxyethyl Cellulose) 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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