

CERTIFICATE OF ANALYSIS

Standard product specification

Amino Silicone Softener

Formulated product · $\geq 30\%$ Active

1. PRODUCT IDENTITY

Product name	Amino Silicone Softener
C.A.S. number	Applicable to blend — on request
Grade / standard	$\geq 30\%$ Active
Description	Milky white emulsion
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	Milky white emulsion	Complies	Visual
2	Active Matter	Not less than 30.0 % w/w	30.56	Titrimetry / Instrumental
3	Non-volatile Content (Solids)	As per specification	56.7 % w/w	Gravimetry / ASTM D1644
4	Viscosity at 25 °C	As per specification	705 cP	Brookfield viscometry
5	pH (as supplied)	As per specification	8.0	Potentiometry
6	Density at 25 °C	As per specification	1.142 g/mL	ASTM D1475
7	Heavy Metals (as Pb)	Not more than 20 ppm	Less than 10 ppm	ICP-OES

3. DECLARATION

This document sets out the standard specification for Amino Silicone Softener 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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