

CERTIFICATE OF ANALYSIS

Standard product specification

Fluorocarbon Water Repellent (C6)

Formulated product · $\geq 20\%$ Active

1. PRODUCT IDENTITY

Product name	Fluorocarbon Water Repellent (C6)
C.A.S. number	Applicable to blend — on request
Grade / standard	$\geq 20\%$ 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 20.0 % w/w	21.01	Titrimetry / Instrumental
3	Non-volatile Content (Solids)	As per specification	51.2 % w/w	Gravimetry / ASTM D1644
4	Viscosity at 25 °C	As per specification	1668 cP	Brookfield viscometry
5	pH (as supplied)	As per specification	8.5	Potentiometry
6	Density at 25 °C	As per specification	1.075 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 Fluorocarbon Water Repellent (C6) 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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