

CERTIFICATE OF ANALYSIS

Standard product specification — applicable to all consignments of this product and grade supplied by Scapex Exports Pvt. Ltd., manufacturer and supplier of quality chemicals.

Product Name	PEG-400 Distearate
C.A.S. Number	Not applicable
Molecular Formula	—
Molecular Weight	—
Grade / Standard	100% active
Physical Form	White to cream waxy solid
Product Category	Surfactants & Oleochemicals
Country of Origin	India

ANALYTICAL RESULTS

S. No.	Test Parameter	Specification	Result	Method
1	Description	White to cream waxy solid	Complies	Visual
2	Solubility	As per specification	Complies	Visual / Monograph
3	Active Matter	Not less than 100.0 % w/w	100.00	Titrimetry (Epton / two-phase)
4	pH (1 % aqueous solution)	7.0 – 10.0	7.9	Potentiometry
5	Free Alkali	Not more than 0.5 % w/w	0.211	Titrimetry
6	Matter Insoluble in Alcohol	Not more than 2.0 % w/w	0.93	Gravimetry
7	Moisture	Not more than 1.0 % w/w	0.47	Karl Fischer / Gravimetry
8	Structure	Conforms to reference structure	Complies	FTIR / NMR

Remarks

Material supplied against this specification is analysed on every production lot and **conforms** to the limits stated above in all tested parameters. Results shown are the typical values obtained for this grade.

Retained samples are held against every export consignment. Store in tightly closed original packing, in a cool, dry, well-ventilated place away from incompatible materials and direct sunlight.

Checked and Approved by

Prem Panchal
Quality Assurance
Scapex Exports Pvt. Ltd.

This document sets out the standard specification for the product named above and applies to all consignments of this grade. It is issued by Scapex Exports Pvt. Ltd. as manufacturer and supplier. Refer to the Material Safety Data Sheet (MSDS) before handling.