

CERTIFICATE OF ANALYSIS

Standard product specification — applicable to all consignments of this product and grade supplied by Scapex Exports Pvt. Ltd.

Product Name	Poly(Acrylic Acid, Sodium Salt), 45 Wt	C.A.S. Number	9003-04-7
Product Category	Water Treatment Chemicals	Product Group	Antiscalants & Phosphonates
Grade / Standard	45% solution Technical	Physical Form	Clear to yellow viscous liquid
Country of Origin	India	Document No.	SCX/COA/DD1F33
Packing	Standard export packing — bags, drums, carboys, IBC or ISO tank as applicable	Storage	Cool, dry, well-ventilated place in tightly closed original packing

ANALYTICAL RESULTS

S. No.	Test Parameter	Specification	Result	Method
1	Description	Clear to yellow viscous liquid	Complies	Visual
2	Identification	Conforms to the structure of the substance	Complies	FTIR / Chemical test
3	Assay	Not less than 45.0 % w/w	45.78	Titrimetry / Instrumental
4	Specific Gravity at 25 °C	As per specification	Conforms	Hydrometry
5	pH (as supplied)	As per specification	8.6	Potentiometry
6	Iron (as Fe)	Not more than 50 ppm	11.8 ppm	ICP-OES
7	Heavy Metals (as Pb)	Not more than 10 ppm	Less than 5 ppm	ICP-OES
8	NSF/ANSI 60 suitability	Suitable for potable water treatment	Complies	Manufacturer declaration

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 not a lot-specific release document; a lot-specific certificate carrying the analysis of the material actually shipped is issued with each consignment. The information is given in good faith; it does not constitute a warranty of fitness for any particular purpose. Refer to the Safety Data Sheet before handling.