

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-11-26 13:37:48
 Date of Next Testing: 2028-11-25 13:37:48
 Product Name: **Poloxamer 407**
 CAS Number: 9003-11-6
 Specifications & Purity: purified, non-ionic
 Lot #: K2524139
 SKU #: **P434419**
 Version: **2**
 Analysis #: **292039**
 Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Water by Karl Fischer	0-1 (%)	0.99800 %
Aluminium(Al)	0-5 (ppm)	0.00000 ppm
Barium(Ba)	0-5 (ppm)	0.00000 ppm
Bismuth(Bi)	0-5 (ppm)	0.00000 ppm
Calcium(Ca)	0-50 (ppm)	15.15910 ppm
Cadmium(Cd)	0-5 (ppm)	0.00000 ppm
Cobalt(Co)	0-5 (ppm)	0.00000 ppm
Chromium(Cr)	0-5 (ppm)	0.00000 ppm
Copper(Cu)	0-5 (ppm)	0.00000 ppm
Iron(Fe)	0-5 (ppm)	0.00000 ppm
Potassium(K)	0-1000 (ppm)	706.65820 ppm
Lithium(Li)	0-5 (ppm)	0.00000 ppm
Magnesium(Mg)	0-5 (ppm)	2.51250 ppm
Manganese(Mn)	0-5 (ppm)	0.00000 ppm
Molybdenum(Mo)	0-5 (ppm)	0.00000 ppm
Sodium(Na)	0-50 (ppm)	8.60550 ppm
Nickel(Ni)	0-5 (ppm)	0.00000 ppm
Lead(Pb)	0-5 (ppm)	0.00000 ppm
Strontium(Sr)	0-5 (ppm)	0.00000 ppm
Zinc(Zn)	0-5 (ppm)	0.00000 ppm
Arsenic traces(MHS-AAS)	0-0.05 (ppm)	0.00000 ppm
PH(3g in 30mL H2O)	5.0-7.5	6.81600
UV-ABS. AT 260 nm(3g in 30mL H2O)	≤0.3	0.15530
UV-ABS. AT 280 nm(3g in 30mL H2O)	≤0.2	0.15720
Appearance(P434419)	Colorless or White Powder	Colorless or White Powder

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Parameter

Infrared spectrum

Solubility(3g in 30mL H₂O)Clear colorless Liquid

Residue (filter test)

Limit Values

Conforms to structure

pass

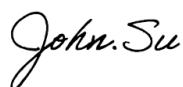
no residue

Result

Conforms to Structure

Pass

no residue

A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager