

Certificate of Analysis

Product Name:

Poly(ethylene glycol)-block-poly(propylene glycol)-block-poly(ethylene glycol)
[purified, non-ionic], PurReagent

Product No.: PSR39739
Lot No.: Sample COA
Brand: PureSynth
CAS No.: 9003-11-6
Molecular Formula: NA
Molecular Weight: NA
Date of Mfg.: NA
Date of Exp.: NA

Test	Specification	Result
Appearance	Colorless or White Powder	White powder
Water (By KF)	NMT 1.0 %	0.7 %
Metal Trace Analysis (ICP)	Corresponds to Requirements	Pass
Aluminum (Al)	NMT 5 mg/kg	<5 mg/kg
Barium (Ba)	NMT 5 mg/kg	<5 mg/kg
Bismuth (Bi)	NMT 5 mg/kg	<5 mg/kg
Calcium (Ca)	NMT 50 mg/kg	<50 mg/kg
Cadmium (Cd)	NMT 5 mg/kg	<5 mg/kg
Cobalt (Co)	NMT 5 mg/kg	<5 mg/kg
Chromium (Cr)	NMT 5 mg/kg	<5 mg/kg
Copper (Cu)	NMT 5 mg/kg	<5 mg/kg
Iron (Fe)	NMT 5 mg/kg	<5 mg/kg
Potassium (K)	NMT 1000 mg/kg	<1000 mg/kg
Lithium (Li)	NMT 5 mg/kg	<5 mg/kg
Magnesium (Mg)	NMT 5 mg/kg	<5 mg/kg
Manganese (Mn)	NMT 5 mg/kg	<5 mg/kg
Molybdenum (Mo)	NMT 5 mg/kg	<5 mg/kg
Sodium (Na)	NMT 50 mg/kg	<50 mg/kg
Nickel (Ni)	NMT 5 mg/kg	<5 mg/kg
Lead (Pb)	NMT 5 mg/kg	<5 mg/kg
Strontium (Sr)	NMT 5 mg/kg	<5 mg/kg
Zinc (Zn)	NMT 5 mg/kg	<5 mg/kg
Arsenic (As)	NMT 0.05 mg/kg	<0.05 mg/kg
Appearance of solution 3 g in 30 ml H ₂ O	Corresponds to Requirements	Corresponds
PH of Solution (PH) 3 g in 30 ml H ₂ O	5.0 - 7.5	7.2
Filtered 3g in 30 ml H ₂ O	No Residue	No Residue

The Certificate of Analysis (COA) is valid only for the lot specified and within the product's shelf life. Retesting is recommended after the expiry date or if storage conditions are compromised. We guarantee a proper quality within our General Conditions of Sales. The conditions are subject to change without prior notice.

For queries on this COA, please contact our technical team at technical@pure-synth.com

UV Absorbance 260nm	NMT 0.3	0.1
UV Absorbance 280nm	NMT 0.2	0.1
Cut-off		223 nm
Identification by IR	Conforms to Structure	Conforms to Structure

Remarks:

This is to certify that the mentioned batch has been analysed at the time of quality release and has been found to be in compliance with prescribed specifications

The current Specification sheet may be available at www.pure-synth.com

Inspect on receipt

Storage Condition:

Store at a temperature of 2-8°C and keep the container tightly closed.

PureSynth Research Chemicals GmbH

This is electronically-generated copy & is valid without a signature

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