

Chem-Impex International, Inc.

Tel: (630) 766-2112

E-mail: sales@chemimpex.com

Shipping and Correspondence:

935 Dillon Drive

Wood Dale, IL 60191

Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191

Product Specifications

Catalogue Number	01771
Product	Sodium polyanethol sulfonate Polyanetholesulfonic acid sodium salt
CAS Number	55963-78-5

Appearance	Cream to light brown powder
Solubility	Colorless to light yellow to brown (1% in Water) Light or deep yellow to brown (20% in Water)
Turbidity	≤ 15.0 NTU
Elemental Analysis (Found)	On dried substance. Carbon (C) = 47.00 to 49.00 % Hydrogen (H) = 4.13 to 4.73%
Water Content (Karl Fisher)	8.5 to 15.0%
pH	5.6 to 7.0 (1% aqueous solution in 0.85% saline)
Infrared Spectrum	Conforms to reference
Residual Solvents	Ethanol by GC: ≤ 0.2% Acetone by GC: ≤ 0.2%
Related Substances	On dried substance: Content of sodium = 8.8 to 9.6% Content of Sulfur = 12.41 to 13.21% Calcium traces: ≤ 0.1%
Sulfated Ash	On dried substance = 27.2 to 29.6%
Storage	Store at RT
Additional Information	UV/Vis absorption wavelength (0.02 mg/mL in Water) = 283.0 to 285.0 nm UV absorption maximum (0.02 mg/mL in Water) = 0.140 to 0.170 AU

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For Laboratory Use Only