



Specification

Sodium Octyl Sulfate

Catalog Number: SO1009
CAS Number: 142-31-4
Synonym(s): Sulfuric acid, monoctyl ester, sodium salt
Molecular Formula: C₈H₁₇OSO₃Na
Molecular Weight: 232.28

Test	Specification
Description:	Fine white crystalline powder
Identification (IR):	Conforms to standard
Assay (acidimetric): (calculated on dried substance)	99.0% Minimum
Loss on drying: (105° C, vacuum)	1.0% maximum
UV: (5% in water)	200nm A: = <0.1 220nm A: = <0.07 230nm A: = <0.06 250nm A: = <0.03 260nm A: = <0.03
Chloride (Cl):	< 1000 PPM
Solubility: (25% in water at 25° C)	Clear colorless

Approved:

Date: April 15, 2020

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