

F-QC-001 Rev.00

Certificate Of Analysis

Product Name : Sodium Lauryl Sulphate 99 % AR

Catalog Number : O-5248

Batch Number : 5248-00000000

CAS Number : 151-21-3

Molecular Weight : 288.38 g/mol

Mol. Formula : $C_{12}H_{25}NaO_4S$

Expire Date : 60 months

SAMPLE

No	Test	Specifications	Results
1	Appearance	White needles shaped crystals/powder	White powder
2	Assay (acidimetric, on dried basis)	min 99.0 %	99.45%
3	Titrate base	0.06 meq/g	0.037 meq/g
4	Loss on drying (at 105 °C)	max 1.0 %	0.256%
5	Chloride (Cl)	max 0.03%	0.0018%
6	Phosphate (PO_4)	max 0.0001 %	< 0.0001%
7	Lead (Pb)	max 0.0002 %	< 0.0002%
8	Heavy metals (as Pb)	max 0.002 %	0.00078%
9	Unsulfated alcohols	max 4.0 %	1.27%
10	UV absorbance of 3% aqueous solution ; 1 cm; 220 - 350 nm	max 0.1	0.01

Corresponds to AR/ACS Grade

A general biochemical reagent often used as a detergent for electrophoresis.

LABOTIQ Standard of Product Reference to Analar standard and ACS specificationSUDIRO S.Si.
Manager QC