

Sodium lauryl sulphate, Ultrapure

GRM6218


Product Identifier

CAS No.	:	151-21-3
EC No.	:	205-788-1
Molecular Formula	:	C ₁₂ H ₂₅ NaO ₄ S
Molecular Weight	:	288.38
Synonym	:	Sodium dodecyl sulphate, Ultrapure
HS Code	:	2920 90 00
Storage	:	Below 30°C
Shelf life	:	4 years

Technical Specification

Appearance	:	White crystals or powder
Solubility	:	100 mg soluble in 1 mL of water gives clear to opalescent solution
pH (1% in water at 20°C)	:	6.00 - 10.50
Chloride (Cl)	:	<= 0.005%
Heavy metals (as Pb)	:	<= 0.0001%
Phosphate (PO ₄)	:	<= 0.0001%
UV absorbance 1	:	<= 0.1 (c = 1% in water at 260 nm)
UV absorbance 2	:	<= 0.1 (1% in water at 280 nm)
Loss on drying (at 105°C, 2 hr)	:	<= 1.0%
Assay (Hyamine Titration, on dry basis)	:	99.00 - 102.00%

Safety Information

Hazard Pictogram(s)	:	
Signal Word	:	Danger
Hazard Statement(s)	:	H228- H302- H311- H315- H318- H335
Precautionary Statement(s)	:	P210- P280- P305+P351+P338- P310- P370 + P378- P403 + P233
UN No.	:	1325
Class	:	4.1
Packing Group	:	III
RTECS	:	WT1050000
WGK	:	2