

Sodium lauryl sulphate, For Molecular Biology (Nuclease and Protease free)

MB010

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
HS Code	:	2920 90 00
Storage	:	Below 30°C
Shelf life	:	4 years

Technical Specification

Appearance	:	White crystals or powder or solid
Solubility	:	100 mg soluble in 1 mL of water gives clear to opalescent solution
DNases	:	None detected
RNases	:	None detected
Proteases	:	None detected
Suitability	:	Suitable for electrophoresis
Titrate base	:	<= 0.06 meq/g
Heavy metals (as Pb)	:	<= 0.002%
Unsulfated alcohols	:	<= 4.0%
Fatty alcohol (as C ₁₂ H ₂₅ OH)	:	min. 96.00%
UV Absorbance	:	<= 0.1 (at 220 - 350nm, 3% in water)
Loss on drying (at 105°C, constant weight)	:	<= 1.0%
Assay (Hyamine Titration, on dry basis)	:	min. 99.00%

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