

TMB 043 – LAURYL SULPHATE SODIUM SALT (Molecular Biology Grade)

REF NO: TBL/QA/SS/LC/TMB 043	STANDARD SPECIFICATION FOR LAURYL SULPHATE SODIUM SALT (Molecular Biology Grade)	Rev. No: 03
Issue No: 04		Review Date: 06/02/2025
Issue Date: 07/02/2022		Product code: TMB 043

PRODUCT PROPERTIES

C.A.S Number	151-21-3
Chemical Formula	$C_{12}H_{25}NaO_4S$
Formula weight	288.38
Functional Uses	Sodium lauryl sulphate, used in an improved technique for preparing brain tissues for study by optical microscopy.
Standard Packaging	25 gm, 100 gm, 500 gm & 1 Kg.

PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	White crystalline powder.
Solubility	Soluble in water.

CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Loss on drying	NMT – 1.0%
Chloride (Cl)	NMT – 0.01%
Phosphate (PO4)	NMT – 0.0001%
DNases/RNases	None detected
Proteases/ Phosphatases	None detected
Assay	NLT – 99.0%

NOTE: Please consult the Material Safety Data Sheet for information regarding hazards and safe handling Practices.