

445– SODIUM LAURYL SULPHATE, AR GRADE

REF NO: TBL/QA/SS/LC/445	STANDARD SPECIFICATION FOR SODIUM LAURYL SULPHATE, AR GRADE	Rev. No: 03
Issue No: 04		Review Date: 14/11/2024
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PRODUCT PROPERTIES

C.A.S Number	151-21-3
Chemical Formula	C ₁₂ H ₂₅ NaO ₄ S
Formula weight	288.38
Functional Uses	An ionic detergent useful in electrophoretic separation of proteins and lipids.
Standard Packaging	100 gm, 500 gm.

PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	White color powder.

CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
pH (0.1M in H ₂ O at 20°C)	5.5 – 7.0
Chloride (Cl)	NMT – 0.02%
Phosphate (PO ₄)	NMT – 0.0001%
Loss on drying	NMT – 0.5%
Insoluble Matter	Passes filter test
Assay	NLT – 99.0%

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