

## 444– SODIUM LAURYL SULPHATE, EXTRA PURE

REF NO: TBL/QA/SS/LC/444	<b>STANDARD SPECIFICATION FOR SODIUM LAURYL SULPHATE, EXTRA PURE</b>	Rev. No: 03
Issue No: 04		Review Date: 14/11/2024
Issue Date:15/11/2021		Product code: 444

### PRODUCT PROPERTIES

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

### PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	White to Creamish color powder.

### CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
pH	8.5 – 10.5
Loss on drying	NMT– 2.0%
Sodium chloride	NMT– 0.5%
Sodium sulphate	NMT– 4.0%
Unsaturated compound	NMT– 2.0%
Assay	NLT– 95.0%

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