

CERTIFICATE OF ANALYSIS

**PRODUCT NAME : SODIUM LAURYL SULPHATE AR HPLC /
FOR ELECTROPHORESIS**

CAS No : 151-21-3
Mol. Formula : $C_{12}H_{25}NaO_4S$
Mol. WT : 288.38
Date of analysis : 09/06/25

Product cod : 25850
Batch No : MCRT-28782-03
Mfd. : June 2025
Exp. : May 2030

S.R	Test	Specification	Observation
1	Appearance (Color)	White to off white	White
2	Appearance (Form)	Powder	Powder
3	Solubility (Color)	Colourless	Colourless
4	Solubility (Turbidity) (200mg/ml, H ₂ O)	Clear	Clear
5	Heavy Metals (as Lead)	≤10 ppm	<10 ppm
6	Chloride (Cl)	≤500 ppm	<500 ppm
7	Phosphate (PO ₄)	≤10 ppm	<10 ppm
8	A260 UV Absorption (3% in H ₂ O)	≤ 0.1	0.078
9	A280 UV Absorption (3% in H ₂ O)	≤ 0.1	0.056
10	Assay	≥ 99%	99.53%
11	Water (By Karl Fischer)	≤ 1%	0.80%
12	Sodium (Na)	7.0 – 9.0%	7.80%

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]



**CHEMIST
(Shruti)**



[QC Incharge]



**HEAD-QUALITY ASSURANCE
(G.G.Salian)**

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Works : Unit I - Plot No. B/9, Unit II - Plot No. B/11, Badlapur M.I.D.C., Opp. Shobhavat Textile Co., Kulgaon, Badlapur (E), Dist.-Thane-421 503.