

CERTIFICATE OF ANALYSIS

**PRODUCT NAME : SODIUM LAURYL SULPHATE AR 99%
FOR ELECTROPHORESIS**

CAS No : 151-21-3
Mol. Formula : $C_{12}H_{25}NaO_4S$
Mol. WT : 288.38
Date of analysis : 08/05/24

Product cod : 25840
Batch No : MCR-30941
Mfd. : May 2024
Exp. : April 2029

S.R	Test	Specification	Observation
1	Description	White to off white powder.	White powder.
2	Assay(after drying)	99%w/w min	99.19% w/w
3	pH of 1% aq. solution (in carbon dioxide free water)	6 - 9	7.21
4	Water insoluble matter	0.003%max	0.001%
5	Loss on drying at 110°C	1 %max	0.90%
6	Chloride (Cl)	0.01% max	<0.01%
7	Phosphate (PO₄)	0.0001% max	<0.0001%
8	Iron (Fe)	0.0001% max	<0.0001%
9	Heavy metals (Pb)	0.0002% max	<0.0002%

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]

[QC Incharge]

CHEMIST
(Jyoti)

HEAD-QUALITY ASSURANCE
(G.G.Salian)

Note: Computer generated image requires no sign.

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