



CERTIFICATE OF ANALYSIS

**PRODUCT NAME : 1-PENTANE SULPHONIC ACID SODIUM SALT FOR HPLC
(MONOHYDRATE)**

CAS No : 22767- 49- 3
Mol. Formula : C₅H₁₁NaO₃S.H₂O
Mol. WT : 192.21
Date of Analysis : 03/01/24

Product code : 16730
Batch No. : MCR-25381-01
Mfd. : Jan. 2024
Exp. : Dec. 2028

S. R	Test	Specification	Observation
1	Description	A white powder or White shiny crystalline powder.	A White shiny powder.
2	Assay	99%w/w min	99.30%w/w
3	pH(10%aq.solution)	5.5 – 7.5	5.93
4	Loss on drying (120°C)	7.8 – 9.6 %	9.22%
5	Minimum Transmission of 0.005 mol /L solution (in 1 cm cell vs H ₂ O)		
	200 nm	70%	93.16%
	220 nm	90%	98.96%
	250 nm	98%	99.09%

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]

[QC Incharge]

**CHEMIST
(Deepa)**

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

Note: Computer generated image requires no sign.

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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.

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