

CERTIFICATE OF ANALYSIS

PRODUCT NAME : 1-PENTANE SULFONIC ACID SODIUM SALT FOR HPLC (ANHYDROUS)

CAS No : 22767-49-3
Mol. Formula : $C_5H_{11}NaO_3S$
Mol. WT : 174.21
Date of Analysis : 30/05/25

Product code : 16729
Batch No. : MCR-34106
Mfd. : May 2025
Exp. : April 2030

S.R	Test	Specification	Observation
1	Description	A white powder or white shiny crystalline powder.	White powder.
2	Assay(on dried basis)	99% min	99.29%
3	pH (10%aq.solution)	5.5 – 7.5	6.30
4	Loss on drying (120°C)	2 % max	0.67%
5	Minimum Transmission of 0.005 mol /L soln (in 1 cm cell vs H₂O)		
	Wavelength	Transmission	Observation
	200nm	70%	90.54%
	220nm	90%	96.98%
	250nm	98%	98.57%

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.