

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 : 07/01/25

Product code : 16729
Batch No. : MCR-32861
Mfd. : Jan. 2025
Exp. : Dec. 2029

S.R	Test	Specification	Observation
1	Description	A white powder or white shiny crystalline powder.	White powder.
2	Assay(on dried basis)	99% min	99.58%
3	pH (10%aq.solution)	5.5 – 7.5	7.25
4	Loss on drying (120°C)	2 % max	1.49%
5	Minimum Transmission of 0.005 mol /L soln (in 1 cm cell vs H ₂ O)		
	Wavelength	Transmission	Observation
	200nm	70%	90.90%
	220nm	90%	99.27%
	250nm	98%	99.88%

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]



CHEMIST
(Durvas)

[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.