



CERTIFICATE OF ANALYSIS

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

CAS No	: 22767-49-3	Product code	: 16729
Mol. Formula	: C₅H₁₁NaO₃S	Batch No	: MCR-23977
Mol. WT	: 174.21	Mfd.	: Aug. 2021
Date Of Analysis	: 16/08/21	Exp.	: July 2026

S. R	Test	Specification	Observation
1	Description	White Powder or crystalline powder.	White powder.
2	Assay(on dried basis)	99% min	99.43%
3	pH (10%aq.solution)	5.5 – 7.5	6.73
4	Loss on drying (120 ⁰ C)	2 % max	0.5%
5	Minimum Transmission of 0.005 mol /L soln (in 1 cm cell vs H ₂ O)		
	Wavelength	Transmission	Observation
	200nm	70%	77.4 %
	220nm	90%	97.0 %
	250nm	98%	99.6 %

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]

[QC Incharge]

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

Note: Computer generated image requires no sign.

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