



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-22895
Mol. WT : 174.21 Mfd. : Feb. 2021
Date Of Analysis : 24/02/21 Exp. : Jan. 2026

S. R	Test	Specification	Observation
1	Description	White Powder or crystalline powder.	White powder.
2	Assay(on dried basis)	99% min	99.48%
3	pH (10%aq.solution)	5.5 – 7.5	7.25
4	Loss on drying (120 ⁰ C)	2 % max	0.63%
5	Minimum Transmission of 0.005 mol /L soln (in 1 cm cell vs H ₂ O)		
	Wavelength	Transmission	Observation
	200nm	70%	95.6 %
	220nm	90%	98.8 %
	250nm	98%	99.1 %

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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