



CERTIFICATE OF ANALYSIS

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

CAS No : 22767-49-3
Mol. Formula : C₅H₁₁NaO₃S
Mol. WT : 174.21
Date Of Analysis : 03/01/23

Product code : 16729
Batch No. : MCR-27364
Mfd. : Jan. 2023
Exp. : Dec. 2027

S. R	Test	Specification	Observation
1	Description	White Powder or crystalline powder.	White powder.
2	Assay(on dried basis)	99% min	99.53%
3	pH (10%aq.solution)	5.5 – 7.5	5.66
4	Loss on drying (120 ⁰ C)	2 % max	1.01%
5	Minimum Transmission of 0.005 mol /L soln (in 1 cm cell vs H ₂ O)		
	Wavelength	Transmission	Observation
	200nm	70%	85.4 %
	220nm	90%	95.8 %
	250nm	98%	98.1 %

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]

**CHEMIST
(Deepa)**

[QC Incharge]

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

Note: Computer generated image requires no sign.

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