



CERTIFICATE OF ANALYSIS

**PRODUCT NAME : 1-PENTANE SULPHONIC ACID SODIUM SALT FOR HPLC
(MONOHYDRATE)**

CAS No : 22767- 49- 3
Mol. Formula : $C_5H_{11}NaO_3S.H_2O$
Mol. WT : 192.21
Date of Analysis : 25/05/21

Product code : 16730
Batch No : MCR-19044-02
Mfd. : May 2021
Exp. : April 2026

S. R	Test	Specification	Observation
1	Description	A white powder or White shiny crystalline powder.	A White shiny crystalline powder.
2	Assay	99%w/w min	99.80 %w/w
3	pH(10%aq.solution)	5.5 – 7.5	6.12
4	Loss on drying (120⁰C)	7.8 – 9.6 %	8.36%
5	Minimum Transmission of 0.005 mol /L solution (in 1 cm cell vs H₂O)		
	200 nm	70%	93.88%
	220 nm	90%	96.42%
	250 nm	98%	99.21%

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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