

4075 –1-HEXANE SULPHONIC ACID SODIUM SALT (MONOHYDRATE) (For HPLC)

REF NO: TBL/QA/SS/LC/4075	STANDARD SPECIFICATION FOR 1-HEXANE SULPHONIC ACID SODIUM SALT (MONOHYDRATE) (For HPLC)	Rev. No: 03
Issue No: 04		Review Date: 14/03/2025
Issue Date: 15/03/2022		Product code: 4075

PRODUCT PROPERTIES

C.A.S Number	2832-45-3
Chemical Formula	C ₆ H ₁₃ NaO ₃ S
Formula weight	188.22
Functional Uses	1-Hexane Sulphonic Acid Sodium Salt has been used as a component of the mobile phase buffer for preequilibration of high performance liquid chromatography column.
Standard Packaging	25 gm.

PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	White crystalline powder.

CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Loss on drying (at 120°C, vacuum)	NMT – 9.0%
pH value (10% soln. in water)	5.5 – 7.5
UV transmission (0.005 mol/l; 1 cm; water)	
At 200 nm	NLT – 70.0%
At 220 nm	NLT – 90.0%
At 250 nm	NLT – 98.0%
Assay	NLT – 99.0%

NOTE: Please consult the Material Safety Data Sheet for information regarding hazards and safe handling Practices.

