

4059 – 1-DECANE SULPHONIC ACID SODIUM SALT (MONO)

REF NO: TBL/QA/SS/LC/4059	STANDARD SPECIFICATION FOR 1-DECANE SULPHONIC ACID SODIUM SALT (MONO)	Rev. No: 03
Issue No: 04		Review Date: 12/11/2024
Issue Date:13/11/2021		Product code: 4059

PRODUCT PROPERTIES

C.A.S Number	13419-61-9
Chemical Formula	C ₄ H ₉ NaO ₃ S.H ₂ O
Formula weight	178.16
Functional Uses	1-Decane Sulphonic Acid Sodium Salt (Anh). Is used in HPLC as Ion Pair Reagent.
Standard Packaging	25 gm

PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	White crystalline Powder.

CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
pH (1% Soln. at 25°C)	5.5 – 7.5
Loss on Drying	NMT – 2.0%
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.

