

4041 – 1-BUTANE SULPHONIC ACID SODIUM SALT (ANHYDROUS)

REF NO: TBL/QA/SS/LC/4041	STANDARD SPECIFICATION FOR 1-BUTANE SULPHONIC ACID SODIUM SALT (ANHYDROUS)	Rev. No: 03
Issue No: 04		Review Date: 08/11/2024
Issue Date: 09/11/2021		Product code: 4041

PRODUCT PROPERTIES

C.A.S Number	2386-54-1
Chemical Formula	C ₄ H ₉ NaO ₃ S
Formula weight	160.16
Functional Uses	1-Butane Sulphonic Acid Sodium Salt (Anhydrous) is used as laboratory reagent mainly used for HPLC analysis purpose.
Standard Packaging	25 gm

PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	White crystalline powder.

CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Loss on drying (120 °C; 4h; Vacuum)	NMT – 2.0%
pH value (10% soln in water)	5.0 – 7.0
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.