

## Product Information

### TECHNICAL DATA SHEET / Specification Sheet

#### **1-Butanesulfonic Acid Sodium Salt Anhydrous HPLC**

CAS No.	: 2386-54-1
Molecular Formula	: C <sub>4</sub> H <sub>9</sub> NaO <sub>3</sub> S
Molecular Weight	: 160.17
Synonym	: 1- Butanesulfonic acid sodium salt, For HPLC
Storage Below	: 30°C
Shelf life	: 5 years

#### **Technical Specification**

Appearance	: Colourless or white crystals or powder or flakes
Solubility	: 33.3 mg soluble in 1 mL of water
Loss on drying (at 105°C, 2 hr	: ≤ 2.00%
UV-transmittance, at 200 nm>	: = 70.00% (0.005 mol/l)
UV-transmittance, at 220 nm>	: = 90.00% (0.005 mol/l)
UV-transmittance, at 250 nm>	: = 98.00% (0.005 mol/l)
Assay (Ion-Exchange Titration)	: 99.00 - 101.00%