

Certificate of Analysis

Date of Testing: 2023-11-02 09:45:56
Date of Next Testing: 2027-11-01 09:45:56
Product Name: **Sodium 1-butanesulfonate**
CAS Number: 2386-54-1
Specifications & Purity: 98%
Lot #: C1623104
SKU #: **S112988**
Analysis: **291215**
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Carbon by Elemental Analysis	29.2-30.7 (%)	30.20 %
Purity(Ion exchange titration)	98-100 (%)	99.21 %
Appearance (S112988)	white powder, crystals, flakes and/or chunks	white powder, crystals, flakes and/or chunks
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in H ₂ O , Colorless Clear to Slightly Hazy(10%)	pass	Pass



John Su
QA & QC Manager