

Certificate of Analysis

Date of Testing: 2024-01-03 09:42:09
Date of Next Testing: 2028-01-02 09:42:09
Product Name: **Sodium butyrate**
CAS Number: 156-54-7
Specifications & Purity: 99% biological
Lot #: L2311035
SKU #: **S102956**
Version: **0**
Analysis #: **298832**
Storage Temperature: Argon charged, Desiccated

Parameter	Limit Values	Result
Heavy metal (as Pb)	0-0.001 (%)	0.00 %
Sodium(Na)	19.8-22 (%)	21.86 %
Purity(HPLC)	99-100 (%)	99.20900 %
Loss on drying	0-5 (%)	1.71 %
Purity(Nonaqueous Titration)(calcd. on dried substance)	99-101 (%)	100.03 %
Appearance (S102956)	White powder	White powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in H ₂ O, Colorless, clear to slightly hazy, 100 mg/ml	pass	Pass



John Su
QA & QC Manager