

Certificate of Analysis

Date of Testing: 2023-10-07 13:07:45
Date of Next Testing: 2027-10-06 13:07:45
Product Name: **Sodium butyrate**
CAS Number: 156-54-7
Specifications & Purity: 99% biological
Lot #: I2313563
SKU #: **S102956**
Analysis: **257030**
Storage Temperature: Argon charged,Desiccated

Parameter	Limit Values	Result
Heavy metal (as Pb)	0-0.001 (%)	0.00 %
Purity(HPLC)	99-100 (%)	99.61000 %
Loss on drying	0-5 (%)	1.65 %
Purity(Nonaqueous Titration)(calcd.on dried substance)	99-101 (%)	99.83 %
Sodium(Na)	19.8-22 (%)	19.83 %
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