

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-10-07 11:18:05

Date of Next Testing: 2027-10-06 11:18:05

Product Name: **Sodium butyrate**

CAS Number: 156-54-7

Specifications & Purity: BioReagent, ≥99%

Lot #: I2313564

SKU # **S102956**

Version **0**

Analysis #: **257030**

Storage Temperature: Room temperature, Argon charged, Desiccated

Parameter	Limit Values	Result
Heavy metal (as Pb)	0-0.001 (%)	0.00000 %
Purity(HPLC)	99-100 (%)	99.61000 %
Loss on drying	0-5 (%)	1.65450 %
Purity(Nonaqueous Titration)(calcd. on dried substance)	99-101 (%)	99.83000 %
Sodium(Na)	19.8-22 (%)	19.83000 %
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