

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing:	2024-12-10 08:58:10
Date of Next Testing:	2028-12-09 08:58:10
Product Name:	Sodium butyrate
CAS Number:	156-54-7
Specifications & Purity:	BioReagent, ≥99%
Lot #:	K2429545
SKU #	S102956
Version	0
Analysis #:	437578
Storage Temperature:	Argon charged, Desiccated

Parameter	Limit Values	Result
Heavy metal (as Pb)	0-0.001 (%)	0.00 %
Purity(HPLC)	99-100 (%)	99.92200 %
Loss on drying	0-5 (%)	0.88 %
Purity(Nonaqueous Titration)(calcd. on dried substance)	99-101 (%)	99.69 %
Sodium(Na)	19.8-22 (%)	19.86 %
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