

## Certificate of Analysis

Date of Testing: 2024-12-12 16:47:30  
Date of Next Testing: 2028-12-11 16:47:30  
Product Name: **Sodium butyrate**  
CAS Number: 156-54-7  
Specifications & Purity:  $\geq 98\%$   
Lot #: K2429554  
SKU #: **S102954**  
Version: **0**  
Analysis #: **449046**  
Storage Temperature: Desiccated

Parameter	Limit Values	Result
Loss on drying	0-5 (%)	0.88 %
Sodium(Na)	19.8-22 (%)	19.86 %
Purity(Nonaqueous Titration)(calcd.on dried substance)	97.5-102.5 (%)	99.69 %
Appearance (S102954)	White powder	White powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in H <sub>2</sub> O , Colorless, clear to slightly hazy,100 mg/ml	pass	Pass



John Su  
QA & QC Manager