

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-06-18 09:00:18  
Date of Next Testing: 2028-06-17 09:00:18  
Product Name: **Sodium pyruvate**  
CAS Number: 113-24-6  
Specifications & Purity: 99%  
Lot #: E2427189  
SKU #: **S104174**  
Version: **0**  
Analysis #: **371278**  
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Purity(Titration by HClO <sub>4</sub> )	99-101 (%)	100.03 %
Loss on drying	0-0.5 (%)	0.18 %
Sodium(Na)	19.9-21.5 (%)	21.43 %
Heavy metal (as Pb)	0-20 (ppm)	0.00 ppm
Appearance (S104174)	White or light yellow powder	White or light yellow powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in H <sub>2</sub> O , Colorless to Faint Yellow ,Clear,100 mg/mL	pass	Pass



John Su  
QA & QC Manager