

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-10-10 18:15:23
Date of Next Testing: 2026-10-09 18:15:23
Product Name: **Sodium pyruvate**
CAS Number: 113-24-6
Specifications & Purity: 99%
Lot #: I2226183
SKU #: **S104174**
Analysis: 124479
Storage Temperature: Store at 2-8°C

| Parameter | Limit Values | Result |
|---|------------------------------|------------------------------|
| Heavy metal (as Pb) | 0-20 (ppm) | 0.01 ppm |
| Purity(Titration by HClO ₄) | 99-101 (%) | 99.34% |
| Loss on drying | 0-0.5 (%) | 0.00% |
| Sodium(Na) | 19.9-21.5 (%) | 19.93% |
| Appearance (S104174) | White or light yellow powder | White or light yellow powder |
| Solubility in H ₂ O , Colorless to Faint Yellow ,Clear,100 mg/mL | pass | Pass |
| Proton NMR spectrum | Conforms to Structure | Conforms to Structure |



John Su
QA & QC Manager