

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-02-16 20:24:10
 Date of Next Testing: 2025-02-05 20:24:10
 Product Name: **Bromopyruvic acid (3-BP)**
 CAS Number: 1113-59-3
 Specifications & Purity: $\geq 96\%$
 Lot #: B2314236
 SKU #: **B120321**
 Version: **0**
 Analysis #: **183339**
 Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Purity(Neutralization titration)	95.5-104.5 (%)	101.88000 %
Appearance (B120321)	White to yellow powder or crystals	White to yellow powder or crystals
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in H ₂ O , Colorless to pale yellow, Clear , 100 mg in pass 1 mL H ₂ O		Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager