

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-07-20 11:08:36
Date of Next Testing: 2023-07-20 11:08:36
Product Name: **beta-Hydroxypyruvic acid**
CAS Number: 1113-60-6
Specifications & Purity: $\geq 95\%$
Lot #: G2213344
SKU #: **H276063**
Analysis: **097472**
Storage Temperature: Store at -20°C , Desiccated

Parameter	Limit Values	Result
Purity(Neutralization titration)	94.5-102.5 (%)	97.50 %
Water by Karl Fischer	≤ 15 (%)	6.70 %
Proton NMR spectrum	Conforms to structure	Conforms to Structure
Appearance(H276063)	White to Faint Beige Powder or Powder with Chunk(s)	White to Faint Beige Powder or Powder with Chunk(s)



John Su
QA & QC Manager