

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-06-07 10:30:12

Date of Next Testing: 2027-06-06 10:30:12

Product Name: **Butyl Isovalerate**

CAS Number: 109-19-3

Specifications & Purity: $\geq 98\%$ (GC)

Lot #: H1927066

SKU #: **B152732**

Version: **0**

Analysis #: **236328**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Refractive index n ₂₀ /D	1.407-1.411	1.40920
Purity(GC)	98-100 (%)	99.66700 %
Density (20°C)	0.859-0.863	0.86100
Appearance (B152732)	Colorless to light yellow liquid	Colorless to light yellow liquid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure

A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager