

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-06-17 22:47:11  
Date of Next Testing: 2024-06-16 22:47:11  
Product Name: **Isovaleryl Chloride**  
CAS Number: 108-12-3  
Specifications & Purity:  $\geq 96\%$   
Lot #: F2214820  
SKU #: **I157679**  
Version: **0**  
Analysis #: **102293**  
Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Refractive index n <sub>20</sub> /D	1.413-1.416	1.41590
Purity (Argentometric Titration)	95.5-104.5 (%)	102.72000 %
Density (20°C)	0.983-0.986	0.98500
Appearance (I157679)	Colorless to light yellow liquid	Colorless to light yellow liquid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager