

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-07-07 15:17:46
 Date of Next Testing: 2025-06-26 15:17:46
 Product Name: **Ethyl Malonyl Chloride**
 CAS Number: 36239-09-5
 Specifications & Purity: $\geq 97\%$
 Lot #: J2112241
 SKU #: **E122639**
 Version: **0**
 Analysis #: **248601**
 Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Purity (Argentmetric Titration)	96.5-103.5 (%)	98.60100 %
Density (20°C)	1.193-1.2	1.19300
Refractive index n _{20/D}	1.427-1.431	1.43030
Purity(GC)	97-100 (%)	99.08000 %
Appearance (E122639)	Colorless to Orange to Brown Liquid	Colorless to Orange to Brown Liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager