

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-05-27 15:24:13
 Date of Next Testing: 2026-05-26 15:24:13
 Product Name: **Diethyl 3,4-pyrroledicarboxylate**
 CAS Number: 41969-71-5
 Specifications & Purity: $\geq 98\%$
 Lot #: E2322429
 SKU #: **D341149**
 Version: **1**
 Analysis #: **208154**
 Storage Temperature: Protected from light, Room temperature

Parameter	Limit Values	Result
Purity(total nitrogen)	98-100 (%)	99.86000 %
Purity(GC)	98-100 (%)	99.71100 %
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure
Appearance(D341149)	White to Yellow Powder or Crystal or Chunk(s)	White to Yellow Powder or Crystal or Chunk(s)



John Su
QA & QC Manager