

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-10-17 16:23:54

Date of Next Testing: 2028-10-16 16:23:54

Product Name: **Tetramethyl-1,3-cyclobutanedione [Precursor to Dimethyl Ketene]**

CAS Number: 933-52-8

Specifications & Purity: $\geq 99\%$

Lot #: J2411998

SKU #: **T161562**

Version: **0**

Analysis #: **413957**

Storage Temperature: Room temperature, Cool

Parameter	Limit Values	Result
Melting point	112-116 (°C)	114.97000 °C
Purity(Mixture of isomers, GC)	99-100 (%)	99.86800 %
Appearance (T161562)	White to Light Yellow Powder or Crystals	White to Light Yellow Powder or Crystals
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager