

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-04-09 13:29:03

Date of Next Testing: 2027-04-09 13:29:03

Product Name: **α -Methylene- γ -butyrolactone**

CAS Number: 547-65-9

Specifications & Purity: $\geq 95\%$, contains ~2% 2,6-di-tert-butyl-p-cresol as stabilizer

Lot #: D2508067

SKU #: M108009

Version: 0

Analysis #: 495982

Storage Temperature: Store at 2-8°C, Protected from light, Argon charged

Parameter	Limit Values	Result
Purity(GC)	95-100 (%)	97.86500 %
Refractive index n ₂₀ /D	1.471-1.475	1.47300
Density (20°C)	1.119-1.126	1.12100
Appearance (M108009)	Colorless to light yellow liquid	Colorless to light yellow liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Stabilizer (~2% 2,6-Di-tert-butyl-p-cresol)	Conforms	Conforms



John Su
QA & QC Manager