

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-05-13 10:55:47

Date of Next Testing: 2024-05-12 10:55:47

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 #: E2204140

SKU #: M108009

Version: 0

Analysis #: 078630

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

Parameter	Limit Values	Result
Purity(GC)	95-100 (%)	98.44600 %
Refractive index n ₂₀ /D	1.471-1.475	1.47130
Density (20°C)	1.119-1.126	1.12200
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