

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-02-06 12:01:17

Date of Next Testing: 2025-02-05 12:01:17

Product Name: **Geranylgeraniol**

CAS Number: 24034-73-9

Specifications & Purity: $\geq 95\%$

Lot #: B23011003

SKU #: **G132893**

Version: **1**

Analysis #: **138556**

Storage Temperature: Store at -20°C , Argon charged

Parameter	Limit Values	Result
Purity(GC)	95-100 (%)	96.43500 %
Carbon by Elemental Analysis	78.4-83.2 (%)	78.41000 %
Appearance (G132893)	Colorless to light yellow to Red brown to red liquid	Colorless to light yellow to Red brown to red liquid
^{13}C NMR Spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in EtOH , Colorless to Pale Yellow pass		Pass
Clear(50 mg/ml)		



John Su
QA & QC Manager