

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-07-05 15:42:16

Date of Next Testing: 2027-07-04 15:42:16

Product Name: **Mandarin green oil**

CAS Number: 8008-31-9

Specifications & Purity: Limonene $\geq$ 90%

Lot #: F2317219

SKU #: **M493767**

Version: **1**

Analysis #: **228241**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Assay	90-100 (%)	90.10400 %
Specific gravity (20/20°C)	0.847-0.885	0.88100
Refractive index n _{20/D}	1.471-1.477	1.47370
Appearance(M493767)	Pale yellow to orange-red to Red-brown liquid	Pale yellow to orange-red to Red-brown liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure

A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager