

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-07-25 14:39:12
 Date of Next Testing: 2029-07-24 14:39:12
 Product Name: (-)-Fenchone
 CAS Number: 7787-20-4
 Specifications & Purity: $\geq 98\%$ (GC)
 Lot #: G2514306
 SKU #: F156785
 Version: 0
 Analysis #: 391117
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{20/D}(c=\text{Neat})$	-55--47.5 (°)	-52.00000 °
Refractive index $n_{20/D}$	1.46-1.463	1.46200
Density (20°C)	0.944-0.948	0.94500
Purity(GC)	98-100 (%)	98.54000 %
Appearance (F156785)	Colorless to light yellow liquid	Colorless to light yellow liquid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager