

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-04-18 17:17:38
 Date of Next Testing: 2027-04-17 17:17:38
 Product Name: (-)-Fenchone
 CAS Number: 7787-20-4
 Specifications & Purity: $\geq 98\%$ (GC)
 Lot #: D2313798
 SKU #: F156785
 Version: 0
 Analysis #: 119288
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
Refractive index n ₂₀ /D	1.46-1.463	1.46200
Density (20°C)	0.944-0.948	0.94600
Purity(GC)	98-100 (%)	99.80000 %
Specific Rotation [α] ₂₀ /D(c=Neat)	-55~-47.5 (°)	-48.30000 °
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