

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-04-17 15:02:57
 Date of Next Testing: 2029-04-16 15:02:57
 Product Name: (-)-Perillaldehyde
 CAS Number: 18031-40-8
 Specifications & Purity: $\geq 90\%$ (GC)
 Lot #: D2515057
 SKU #: P160187
 Version: 1
 Analysis #: 108166
 Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Refractive index n ₂₀ /D	1.506-1.51	1.50840
Purity(GC)	90-100 (%)	94.31500 %
Density (20°C)	0.966-0.97	0.96800
Specific Rotation [α] ₂₀ /D(589 nm) (c=10, C ₂ H ₅ OH)	-125--105 (°)	-108.32300 °
Appearance (P160187)	Colorless to Yellow Liquid	Colorless to Yellow Liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager