

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-12-29 11:50:25  
Date of Next Testing: 2026-12-28 11:50:25  
Product Name: **Pinolenic Acid methyl ester**  
CAS Number: 38406-57-4  
Specifications & Purity: 98% , ~10 mg/mL in ethanol  
Lot #: L2315293  
SKU #: **P351192**  
**Analysis:** **301435**  
Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Purity(HPLC area)	98-100 (%)	98.60 %
Concentration	9-11 (mg/ml)	10.00 mg/ml
NMR Spectrum 1H	Conforms to structure	Conforms to Structure



John Su  
QA & QC Manager