

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-03-23 13:50:55  
Date of Next Testing: 2026-03-22 13:50:55  
Product Name: **(1R)-(+)-Nopinone**  
CAS Number: 38651-65-9  
Specifications & Purity: 95%  
Lot #: C23111101  
SKU #: **I170069**  
**Analysis: 187896**  
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Purity(GC)	95-100 (%)	95.65 %
Specific Rotation [α] <sub>20</sub> /D(c=Neat)	15-18 (°)	15.11°
Appearance (I170069)	Colorless liquid	Colorless liquid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager