

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-02-14 13:43:54

Date of Next Testing: 2026-02-13 13:43:54

Product Name: **Nopaline**

CAS Number: 22350-70-5

Specifications & Purity: $\geq 96\%$

Lot #: B2307773

SKU #: **N349318**Version: **2**Analysis #: **172632**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Purity(HPLC area)	96-100 (%)	96.01000 %
Specific rotation $[\alpha]_{20/D(c=0.2 \text{ in H}_2\text{O})}$	17-17.5 (°)	17.30000 °
Appearance(N349318)	White to Off-White Solid	White to off-white solid
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure
LC-MS for identification	Conforms	Conforms

John Su
QA & QC Manager