

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-12-14 16:51:12

Date of Next Testing: 2026-12-14 16:51:12

Product Name: **Diphenhydramine Hydrochloride**

CAS Number: 147-24-0

Specifications & Purity: $\geq 98\%$ (HPLC)

Lot #: L2410669

SKU #: **D129201**

Version: **0**

Analysis #: **368966**

Storage Temperature: Store at 2-8°C, Protected from light

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.33000 %
Melting point	168-172 (°C)	168.01000 °C
Appearance (D129201)	white powder to crystals	white powder to crystals
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in H ₂ O , Colorless ,Clear ,50 mg/mL in H ₂ O	pass	Pass



John Su
QA & QC Manager