

Certificate of Analysis

Date of Testing: 2022-01-25 10:27:00

Date of Next Testing: 2024-01-25 10:27:00

Product Name: **Diphenhydramine Hydrochloride**

CAS Number: 147-24-0

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

Lot #: C2024094

SKU #: **D129201**

Analysis: **069963**

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

Parameter	Limit Values	Result
Melting point	168-172 (°C)	168.88000 °C
Purity(HPLC)	98-100 (%)	99.11970 %
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