

Certificate of Analysis

Date of Testing: 2024-11-22 13:34:23

Date of Next Testing: 2026-11-22 13:34:23

Product Name: **Methyldopa Sesquihydrate**

CAS Number: 41372-08-1

Specifications & Purity: Moligand™, ≥98%

Lot #: K2419533

SKU #: **M129977**

Version: **1**

Analysis #: **435468**

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

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	100.00000 %
Specific Rotation [α] _{20/D} (c=1 in H ₂ O)	-14.5--12.5 (°)	-13.31 °
Water by Karl Fischer	10-12 (%)	11.53 %
Appearance (M129977)	White to Off-White Powder	White to Off-White Powder
Solubility in hot H ₂ O	almost transparency	almost transparency
Infrared spectrum	Conforms to Structure	Conforms to Structure



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