



## Certificate of Analysis

**Product name** Muscimol.HBr **Batch No.** 2023-12-001

**Sample Qty Base** 114 g **Date of Production** 22-12-2023

**Analysis Date** 24-12-2023 **Expiry date** 24-12-2024

**Cas No** 18174-72-6 **Packing** 114g/Bottle

Item	Standard	Test Results
Appearance	Off-white crystalline powder	Off-white
Solubility in Water	1.75 g/mL	Complies
Solubility (Turbidity)	Clear	Clear
Solubility (Color)	Colorless to Faint Yellow	Colorless to Faint yellow
Water (by Karl Fischer)	~0.00%	0.02%
Elemental Analysis (% C)	41.61-42.61%	42.4%
Elemental Analysis (% N)	24.05-25.05%	24.8%
NMR (Solvent)	DMSO- $d_6$	DMSO- $d_6$
Identity by NMR	Consistent	Consistent with Control
Purity	>98%	98.6%
Storage	Keep at 4 °C for long storage	Keep at 4 °C for long storage



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