

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-05-04 11:20:12

Date of Next Testing: 2025-05-03 11:20:12

Product Name: **Mizoribine**

CAS Number: 50924-49-7

Specifications & Purity: $\geq 98\%$

Lot #: D23211655

SKU #: **M129842****Analysis: 199913**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.78200%
Specific Rotation $[\alpha]_{20/D(c=2 \text{ in H}_2\text{O})}$	-27--25 (°)	-26.98 °
Nitrogen by Elemental Analysis (anhydrous)	15.7-16.7 (%)	16.07%
Carbon by Elemental Analysis(anhydrous)	41.2-42.7 (%)	41.31%
Appearance (M129842)	White to Yellow to Blue Powder and/or Chunks	White to Yellow to Blue Powder and/or Chunks
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in H ₂ O , Colorless to Yellow to Blue Clear,19.60-20.40mg/ml	pass	Pass

John Su
QA & QC Manager