



*The Power to Question*

# CERTIFICATE OF ANALYSIS

Catalog Number: sc-359617  
Lot Number: SAMPLE  
Product Name: Mizoribine  
CAS Number: 50924-49-7  
Molecular Formula:  $C_9H_{13}N_3O_6$   
Molecular Weight: 259.22

| Test                                  | Specification             | Result   |
|---------------------------------------|---------------------------|----------|
| Appearance                            | White crystalline powder  | Complies |
| Identification (Infrared Spectrum)    | Conforms to the structure | Complies |
| Purity (HPLC)                         | 98 - 102%                 | 99.58%   |
| Residue on Ignition                   | $\leq 0.1\%$              | Complies |
| Specific Rotation ( $\alpha_{20/D}$ ) | -25° to -27°              | -25.2°   |
| Heavy Metals                          | $\leq 20$ ppm             | Complies |
| Loss on Drying                        | $\leq 1.0\%$              | 0.14%    |
| Related Substances                    | $\leq 2.0\%$              | 0.07%    |

Satisfaction Guarantee: We appreciate your business and are committed to providing the highest level of quality and service. Any product that does not meet the performance standards indicated in our product literature will be replaced at no charge. Our policy is valid for one year from the date of your purchase.

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