

Certificate of Analysis

Date of Testing: 2023-12-27 11:56:22
Date of Next Testing: 2027-12-26 11:56:22
Product Name: **5-Methoxye-2-mercaplobenzinidazole**
CAS Number: 37052-78-1
Specifications & Purity: 98%
Lot #: L2320301
SKU #: **M108043**
Analysis: **298155**

| Parameter | Limit Values | Result |
|---|-----------------------------|-----------------------------|
| Purity(HPLC) | 98-100 (%) | 99.08800 % |
| Nitrogen by Elemental Analysis | 15.3-15.8 (%) | 15.49 % |
| Carbon by Elemental Analysis | 52.5-54.1 (%) | 53.09 % |
| Purity(Neutralization titration) | 98-100 (%) | 99.58 % |
| Appearance (M108043) | white to faint beige powder | white to faint beige powder |
| Solubility in DMF , almost transparency | pass | Pass |
| Infrared spectrum | Conforms to Structure | Conforms to Structure |



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QA & QC Manager