

SiHAULi SIHAULI CHEMICALS PVT. LTD.

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CERTIFICATE OF ANALYSIS

PRODUCT: 5 DIFLUORO METHOXY 2 MERCAPTO BENZIMIDAZOLE

EXP DATE: AUG-2028

MFG DATE: SEP-2023

5 DIFLUORO METHOXY 2 MERCAPTO BENZIMIDAZOLE

| ITEM | SPECIFICATION |
|------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Name | 5 DIFLUORO METHOXY 2 MERCAPTO BENZIMIDAZOLE |
| Molecular Weight | 216.0 |
| Molecular Formula | C ₈ H ₆ N ₂ F ₂ OS |
| Storage Condition | Product Can Be Stored At Ambient Temperature. (Product Shall Be Stored In A Tight Container Under Roof Protected From Direct Sunlight.) |
| Product Code: | DFMBI |
| CAS NO. | 97963-62-7 |
| FINISH PRODUCT SPECIFICATION | |
| DESCRIPTION | An Off White To Pale Yellow Colored Powder |
| SOLUBILITY - DIMETHYL FORMAMIDE | Soluble In Dimethyl Formamide |
| IDENTIFICATION BY HPLC | The Retention Time Of The Major Peak Obtained In Chromatogram Of The Sample Corresponds To That Of Working Standard Under The Test For Related Substance By HPLC. |
| MELTING RANGE | 242°C To 250°C |
| LOSS ON DRYING | Not More Than 0.50% |
| WATER CONTENT BY KARL FISHER | More Than 1.0% |
| RELATED SUBSTANCES BY HPLC | |
| CHROMATOGRAPHIC PURITY | Not Less Than 99.0% |
| CHROMATOGRAPHIC PURITY | Not Less Than 99.0% |
| 4 DIFLUORO METHOXY 1,2 PHENYLENE DIAMINE | Not Less Than 0.50% |
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| | |
|------------------------------------|------------------------------------------|
| 4 DIFLUORO METHOXY 2 NITRO ANILINE | Not Less Than 0.50% |
| ANY INDIVIDUAL IMPURITY | Not Less Than 0.50% |
| TOTAL IMPURITIES | Not Less Than 1.0% |
| ASSAY ON DRY BASIS | Not Less Than 98.0% Not More Than 102.0% |

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QA/QC Incharge

For SIHAULI CHEMICALS PVT. LTD.