

SPECIFICATION

PRODUCT NAME : 5-DIFLUROMETHOXY 2-MERCAPTO BENZIMIDAZOLE
CAS NO : 97963-62-7
DESCRIPTION : AN OFF WHITE TO PALE YELLOW BROWN COLOURED CRYSTALLINE POWDER

SOLUBILITY

A: 10% SODIUM HYDROXIDE : **A:** SHOULD BE CLEAR

B: METHANOL : **B:** SHOULD BE CLEAR

C: DMF : **C:** SHOULD BE CLEAR

IDENTIFICATION BY HPLC : THE RETENTION TIME OF THE PRINCIPLE PEAK IN THE SAMPLE CHROMATOGRAM SHOULD MATCH WITH THAT OF STANDARD CHROMATOGRAM

MELTING RANGE : 245°C TO 255°C

WATER CONTENT BY KF : NMT 1.00%

PURITY & RELATED SUBSTANCE BY HPLC %

- CHROMATOGRAPHIC PURITY : NLT 99.0%
- 4 HYDROXY ACETAMIDE : NMT 0.15%
- 4- DIFLUROMETHOXY-2 NITROANILINE : NMT 0.15%
- ANY INDIVIDUAL IMPURITY : NMT 0.30%
- TOTAL IMPURITY : NMT 1.00%

ASSAY BY HPLC ON DRY BASIS : 98% MIN TO 102% MAX

PACKING : 25 KG FIBER DRUM