

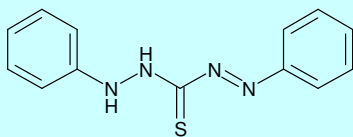


SDFCL
s d fine-CHEM limited
Quality Control Dept.



Product Specification

E Control	QC2\DATAD\IPS\20104XPS.xls
PRODUCT CODE	20104
PRODUCT NAME	DITHIZONE AR, ACS
SYNONYMS	Diphenylthiocarbazone
C.I. NO.	N/A
CASR NO.	(60-10-6)
ATOMIC OR MOLECULAR FORMULA	C ₁₃ H ₁₂ N ₄ S
ATOMIC OR MOLECULAR WEIGHT	256.33
PROPERTIES	Insoluble in water. Freely soluble in carbon tetrachloride, chloroform. Solutions are not stable, but may be protected by a layer of aqueous SO ₂ .



PARAMETER	LIMIT
Description	Black or purple black crystalline powder
Solubility (0.1 g substance in 20 ml chloroform)	Complete and clear
Minimum Assay (Spectrophotometry)	85.0%
Ratio of absorbance (at 620/450 nm)	≥1.55

MAXIMUM LIMIT OF IMPURITIES

Sulphated ash	0.3%
Heavy metals (as Pb)	0.002%

Note(s) : Assay (if applicable) method mentioned.

WARNING Hazard statements: Not hazardous. No hazards. Precautionary statements Prevention: ---- Response: ---- Disposal: ----	IMDG Code :-- UN No. :-- IATA :--
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Hazard Pictogram(s) :

Prepared By : P.T. Chaudhari Name/Dept. : Officer (Q.A.) Sign. : Date : 01.04.2010	Checked By: N.G. Chavan Name/Dept.: Incharge (Q.A.) Sign. : Date : 01.04.2010	Approved By: Shree EDR Name/Dept. : Incharge (Tech.) Sign. : Date : 02.04.2010	Issue Date : 01.07.2002 Revision No.: 02 Revision dt. : 02.04.2010 AMEND NO. : 1554
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