


ISO 9001:2008 Co.

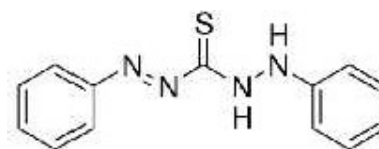


Rehsiff Scientific®

Manufacture & Importer of
Laboratory Fine Chemicals, Diagnostic Kit & Lab wares

DITHIZONE AR REAGENT FOR LEAD, MERCURY AND ZINC

PRODUCT CODE	R05716
SYNONYMS	Diphenylthiocarbazon
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 in 20 ml of chloroform is complete and clear
Minimum Assay (Spectrophotometry)	85.0%
Ratio of absorbance (at 620/450 nm)	≥1.55
Melting point	About 168 ^o C
MAXIMUM LIMIT OF IMPURITIES	
Sulphated ash	0.3%
Heavy metals (as Pb)	0.002%
Note(s): Assay (if applicable) method mentioned.	
WARNING Hazard statements: Nothazardous. No hazards. Precautionary statements Prevention: Response:	IMDG Code : UN No. : IATA :
Disposal: ----	
Hazard Pictogram(s) :---	 GHS05 GHS07



Replace Date 1 April 2023

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