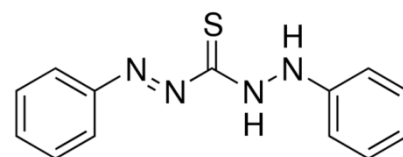


DITHIZONE AR REAGENT FOR LEAD, MERCURY AND ZINC

PRODUCT CODE	292705
SYNONYMS	Diphenylthiocarbazone
C.I. NO.	N/A
CASR NO.	(60-10-6)
ATOMIC OR MOLECULAR FORMULA	$C_{13}H_{12}N_4S$
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°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: -----

Disposal: ----

Hazard Pictogram(s) :---

IMDG Code :

UN No. :

IATA :

Replace date 17-June-2023