



DITHIZONE

PRODUCT CODE R01762

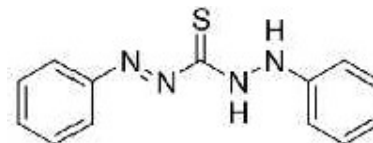
SYNONYMS Diphenylthiocarbazone

C.I. NO. N/A

CASR NO. (60-10-6)

ATOMIC OR MOLECULAR FORMULA C₁₃H₁₂N₄S

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 SO₂.

PARAMETER
LIMIT

Description	Black or purple black crystalline powder.
Solubility (0.1 g substance in 20 ml chloroform)	0.1 g in 20 ml chloroform is 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: ----

Hazard Pictogram(s) :---


GHS05

GHS07

 IMDG Code :
 UN No. :
 IATA :

Replace Date 1 April 2023

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