

1853 – DITHIZONE AR GRADE

REF NO: TBL/QA/SS/LC/1853	STANDARD SPECIFICATION FOR DITHIZONE AR GRADE	Rev. No: 03
Issue No: 04		Review Date: 12/11/2024
Issue Date:13/11/2021		Product code: 1853

PRODUCT PROPERTIES

C.A.S Number	60-10-6
Chemical Formula	C ₁₃ H ₁₂ N ₄ S
Formula weight	256.33
Functional Uses	<p>Dithizone (Diphenylthiocarbazone) may be used in the following studies:</p> <ul style="list-style-type: none"> Preparation of hexadecyltrimethyl ammonium bromide (CTAB) capped gold nanoparticles (AuNPs). This reagent was useful for the colorimetric detection of heavy metal ions. As a zinc chelating ligand for the extraction of zinc in bovine serum.
Standard Packaging	5 gm , 25 gm

PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	Black color crystalline powder.

CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Assay	NLT – 99.0%

NOTE: Please consult the Material Safety Data Sheet for information regarding hazards and safe handling Practices.

