

CERTIFICATE OF ANALYSIS

PRODUCT NAME : DITHIZONE AR
(1,5-Diphenylthiocarbazone)

CAS No. : 60-10-6
Mol. Formula : C₁₃H₁₂N₄S
Mol. WT : 256.32
Date of analysis : 08/05/25

Product code : 23120
Batch No. : MCAR-01565
Mfd. : May 2025
Exp. : April 2030

S.R	Test	Specification	Observation
1	Description	Purple to dark purple blackish brown or black powder.	Blackish brown powder.
2	Assay	98-100%	98.20%
3	Molar Absorptivity at 605nm	1400 min	1430
4	Ratio Absorbance at 605 nm /Absorbance at 445 nm	2.4 min	2.42
5	Chloroform insoluble matter	passes test	passes test
6	Sulphated ash	0.2% max.	0.10%
7	Lead (Pb)	0.001% max.	< 0.001%

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]



**CHEMIST
(Shruti)**



[QC Incharge]



**HEAD-QUALITY ASSURANCE
(G.G.Salian)**

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