

## CERTIFICATE OF ANALYSIS

**PRODUCT NAME : DITHIZONE**

|                         |  |                     |             |
|-------------------------|--|---------------------|-------------|
| <b>CAS No</b>           | : 60-10-6  | <b>Product code</b> | : 14300     |
| <b>Mol. Formula</b>     | : C <sub>13</sub> H <sub>12</sub> N <sub>4</sub> S | <b>Batch No</b>     | : MCR-29868 |
| <b>Mol. WT</b>          | : 256.32   | <b>Mfd.</b>         | : Dec. 2023 |
| <b>Date of analysis</b> | : 12/12/23   | <b>Exp.</b>         | : Nov. 2028 |

| S.R | Test                                      | Specification   | Observation            |
|-----|---|---|------------------------|
| 1   | <b>Description</b>                        | Purple to dark purple blackish brown or black powder. | Blackish brown powder. |
| 2   | <b>Assay</b>                              | 85% min   | 89.37%                 |
| 3   | <b>λ Max.(absorb. in CCl<sub>4</sub>)</b> | 618 – 621 nm  | 619.0 nm               |
| 4   | <b>A1%,1 cm λ max</b>                     | 1150 min  | 1170.87                |
| 5   | <b>Ratio of absorbance</b>                | 1.55 min  | 1.57                   |

**REMARK:** THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

**[Tested By]**

**[QC Incharge]**

**CHEMIST  
(Sonu)**

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

**Note:** Computer generated image requires no sign.

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