



**SISCO
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Certificate of Analysis

| | |
|---------------------------------|--|
| Product | 36248 - Neutral Red (High Purity), 85% - [553-24-2] |
| Batch No | 5241819 |
| Analysis Date | 09-Sep-2023 |
| Date of Manufacture | September 2023 |
| Expiry Date/Re-Test Date | September 2028 |
| Molecular Formula | C15H17CIN4 |
| Molecular Weight | 288.78 |

| Test Parameters | Standards | Actual Results |
|--|--|----------------|
| Appearance (Colour) | Dark green to brown to black | Black |
| Appearance (Form) | Powder | Powder |
| Solubility (Turbidity) 0.1% solution in 50% ethanol + 2 ml acetic acid | Clear | Clear |
| Loss on drying | max. 15% | 5.7% |
| Dye content | min. 85% | 86.3% |
| Absorbance (A) of 1% soln in 50% Ethanol + 2ml acetic acid in a 1cm cell | | |
| @540nm | min. 1275 | 1427.16 |
| pH range | pH 6.8 (violet red) to pH 8.0 (yellow - orange) | Passes |

FRM/82/11/4/36248 Rev No. 5 Date 20/12/2022

Prepared by Komal

In compliance with the standard specifications of SRL

Plant Site 2 : H-4, MIDC, Taloja – 410 208, Maharashtra, India

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