

### Certificate of Analysis

**Product: Sudan III (Red 23), O.R.**

**Item Number: C7990**

**Grade: Reagent**

**Lot Number: 2230807-A**

**Manufacture Date: 09/06/2021**

**Expiration Date: 09/05/2024**

**Country of Origin: India**

| Tested Property                | Specification                      | Analysis           |
|--------------------------------|------------------------------------|--------------------|
| Description                    | Red-Brown Powder                   | Red-Brown Powder   |
| Dye Content                    | $\geq 75\%$                        | 88.0%              |
| Identification                 | Conforms to structure and standard | Conforms           |
| Spectroscopy                   | Ratio 0.97 at 494/524              | Peak 509 nm        |
| Solubility (1mg/ml in Toluene) | Clear Red Solution                 | Passes Test        |
| TLC                            | As reported                        | Confirms Sudan III |

#### [Sudan III \(Red 23\), O.R.](#)

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