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CERTIFICATE OF ANALYSIS

Name of the Sample : **Sudan (III) Powder for microscopy**
Batch No. : **228647**
Date of Mfg. : **June 2025**
Date of Exp : **May 2030**
Register No. : **2025-26**
Qty of Sample : **100gm**
Date of Analysis : **June 2025**

S. No	Test Parameters	Observed Values	Standard Values
1.	Appearance	Passes	Dark red powder
2.	Solubility 0.1% (in Toluene)	Passes	Clear red solution
3.	Absorptivity 1%/1cm, at λ max.509.0 nm	884	> 870
4.	Dye Contents (by spectrophotometry)	82.05%	> 80%
5.	Loss on drying at 110°C	0.74%	< 1%

Chief Chemist