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CERTIFICATE OF ANALYSIS

Name of the Sample : Carmine for microscopy
Batch No. : 228670
Date of Mfg. : July 2025
Date of Exp : June 2030
Register No. : 2025-26
Qty of Sample : 100gm
Date of Analysis : July 2025

S. No	Test Parameters	Observed Values	Standard Values
1.	Description	Passes	Dark red powder
2.	Absorption maximum (λ max. 1 in DMSO)	569nm	563-571nm
3.	Absorption maximum (λ max. 2 in DMSO)	529.5nm	525-533nm
4.	A 1%, 1cm, λ 1 max.	84.1	Min. 70
5.	A 1%, 1cm, λ 2 max.	112.2	Min. 100
6.	Loss on drying at 110°C	11.98%	Max. 15%

Chief Chemist