Qualikems Lifesciences Pvt. Ltd.

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CERTIFICATE OF ANALYSIS

Name of Product	**:**	Carmine	**CAS No.**	**:**	1390-65-4
Molecular Formula	**:**	--	**Molecular Weight**	**:**	--
Batch No.	**:**	QF2611104	**Grade**	**:**	LR
Mfg. Date	**:**	November-2026	**Retest. Date**	**:**	October -2031

Sr. No.	Tests	Specification	Observation
1	Appearance	Dark red coloured powder	complies
2	Purity	Min 85.0 %	85.2 %
3	Absorption maxima (λmax1, in DMSO)	563-571 nm	566 nm
4	Absorption maxima (λmax2, in DMSO)	525-533 nm	531 nm
5	Loss on drying (at 110°C)	Max 15.0%	10.02%

Conclusion: Product complies as per above specification.
Note: This document has been produced electronically and it is valid without signature.
Quality of our product tested and reported in the COA are as per the specification and without any prejudice/liability what so ever the end product performance.

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