Qualikems Lifesciences Pvt. Ltd.

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CERTIFICATE OF ANALYSIS

Name of Product	:	Phenolphthalein Powder	**CAS No.**	:	77-09-8
Molecular Formula	:	$C_{20}H_{14}O_4$	**Molecular Weight**	:	318.33 g/mol
Batch No.	:	QF2511178	**Grade**	:	LR
Mfg. Date	:	November-2025	**Retest. Date**	:	October -2030

Sr. No.	Tests	Specification	Observation
1	Appearance	A White to off white powder	Complies
2	pH range (8.2-10.0)	Colourless to red- violet	Complies
3	Absorption maxima (buffer pH 9.8)	551-554 nm	553 nm
4	Sensitivity	To pass test	passes test
	Maximum Limits of Impurities:		
5	Sulphated ash	0.05%	0.03 %
6	Chloride (Cl)	0.01 %	< 0.01 %
7	Sulphate (SO_4)	0.01 %	< 0.01 %
8	Loss on drying (at 110°C)	1%	0.5 %

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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