Qualikems Lifesciences Pvt. Ltd.

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CERTIFICATE OF ANALYSIS

Name of Product	**:**	Glycerol Monostearate	**CAS No.**	**:**	31566-31-1
Molecular Formula	**:**	$C_{17}H_{35}COO.CH_2CHOH.CH_2OH$	**Molecular Weight**	**:**	358.56 g/mol
Batch No.	**:**	QF2611087	**Grade**	**:**	LR
Mfg. Date	**:**	November-2026	**Retest. Date**	**:**	October -2031

Sr. No.	Tests	Specification	Observation
1	Appearance	Almost White hard waxy flakes	Complies
2	Acid Value (mg KOH/gm)	Max 6.0	4.18
3	Saponification Value	140 – 155	151
4	Iodine Value	Max 5.0	3.1
5	Melting Point	54 – 60°C	56 °C
6	Mono glyceride content (% by mass)	Min 35	36
7	Free Glycerine, % by mass	Max 10	5.12
8	pH of water emulsion	8 – 10	8.21

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.