

CERTIFICATE OF ANALYSIS

Product	Sodium Lauroyl Lactylate (CAS 13557-75-0)	Quantity	150kg
Batch No.	JL0230902	Report Date	SEP. 2, 2023
Manufacture Date	SEP. 2, 2023	Expiration Date	SEP. 2, 2025

Item	Specification	Test Data	Result
Appearance	Thick solid	Confirmed	
Purity	≥95.0%	98.2%	Confirm
pH (1% solution)	6.0-7.0	6.5	Confirm
Ester Value	160-205mg/g (KOH)	176mg/g (KOH)	Confirm
Acid Value	10-20 mg/g (KOH)	18mg/g (KOH)	Confirm
Heavy Metal (lead meter)	≤10PPM	≤10PPM	Confirm
Lead (Pb)	≤2PPM	≤2PPM	Confirm
Arsenic (As)	≤2PPM	≤2PPM	Confirm

Conclusion Qualified

Analyst: Wu Qian

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