

**CERTIFICATE OF ANALYSIS**

Product:	Oleamidopropyl dimethylamine.	Cas:	109-28-4
Batch No. :	20230630	MFD. :	2023-06-30
Test item	Specification	Result	
Appearance	Yellow to dark yellow liquid	PASS	
Color (25% in ethanol) Hazen	$\leq 500$	450	
Acid Value	$\leq 5.0$	2.5	
Amine Value, mgKOH/g	150-188	153	
Conclusion	Qualified		

**Analyst:** *Wen Qian***Quality Assurance Officer:** *Zhan Peng*