

CERTIFICATE OF ANALYSIS

Product Name:	Polyethylene Glycol Monocetyl Ether-23	Batch No.	UNILONG20221113
Cas	9004-95-9	MF Date	Nov. 13, 2022
Packing	25KGS/DRUM	Analysis Date	Nov. 13, 2022
Quantity	10000KGS	Expiry Date	Nov. 12, 2024
ITEM 分析项目	STANDARD 技术指标	RESULT 实测结果	
Appearance	White flake	Conform	
PH (1% aque. solu.)	5~7	6.61	
Acid value	≤2 mgKOH/g	0.2 mgKOH/g	
Saponification value	≤3 mgKOH/g	0.2 mgKOH/g	
Hydroxyl number	43~47 mgKOH/g	44.26mgKOH/g	
Iodine value	≤3 mgKOH/g	0.1 mgKOH/g	
Cloud point (1% aque. solu.)	88~92°C	90.6°C	
Water	≤1%	0.28%	
Total ash	≤0.2%	0.1%	
Conclusion	Qualified		

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