

CERTIFICATE OF ANALYSIS

Product name	Erucamide	Quality level	Premium product	
Sample weight	500g	Sampling date	2023. 09. 26	
Sample number	0926	Report date	2023. 09. 26	
Indicator name	Unit	Standard value	Analysis value	
Appearance		White or light yellow, powdery or granular	White powder	
Chroma	Gardner	≤ 4	1	
Melting process	$^{\circ}\text{C}$	72-86	79.2	
Iodine value	gI ₂ /100 g	70-78	75.82	
Acid value	mg KOH/g	≤ 0.8	0.115	
Moisture	%	≤ 0.1	0.01	
Mechanical impurities	$\Phi 0.1-0.2\text{mm}$	pieces/10g	≤ 10	0
	$\Phi 0.2-0.3\text{mm}$	pieces/10g	≤ 2	0
	$\Phi \geq 0.3\text{mm}$	pieces/10g	0	0
Active ingredient content (based on amide)	%	≥ 98.0	98.8	
Test results		Qualified		

Analyst: *Wen Qian*

Quality Assurance Officer: *Zhan Peng*