

**CERTIFICATE OF ANALYSIS**

Product Name:	Glyceryl behenate	Batch No.	JL20220629
Cas	77538-19-3	MF Date	Jun. 29, 2022
Packing	20kgs/bag	Analysis Date	Jun. 30, 2022
Quantity	1MT	Expiry Date	Jun. 28, 2024
ITEM 分析项目	STANDARD 技术指标		RESULT 实测结果
Appearance	Fine powder, having a faint odor		Conform
Assay	Monoglycerides 15.0-23.0%		17.1%
	Diglycerides 40.0-60.0%		50.2%
	Triglycerides 21.0-35.0%		29.6%
Solubility	Soluble in chloroform ; practically insoluble in water and in alcohol		Conform
Identification	A . It meets the requirements for the content of diglycerides in the Assay .		Conform
	B . It meets the requirements for Fats and Fixed Oils , Fatty Acid Composition in Specific Tests		Conform
	C .Melting point : 65-77℃		72-73℃
Free Glycerin	NMT 1.0%		0.78%
Water	NMT 1.0%		0.12%
Residue on ignition	NMT 0.1%		0.03%
Acid value	NMT 4		2.7%
Fats and fixed oils	Palmitic acid $\leq 3.0\%$		0.094%
	Stearic acid $\leq 5.0\%$		0.19%
	Arachidic acid $\leq 10.0\%$		1.45%
	Behenic acid $\geq 83.0\%$		94.3%
	Erucic acids $\leq 3.0\%$		Undetected
	Lignoceric acids $\leq 3.0\%$		1.9%
Conclusion	Qualified		

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