



南京泛成生物化工有限公司  
Fenchem Biotek Ltd.

## CERTIFICATE OF ANALYSIS

PRODUCTS: JOJOBA OIL GOLDEN PAIL  
BATCH NO: LS-240705  
QUANTITY: 250KG

TESTING DATE: MAY, 2024  
MANUFACTURE DATE: MAY, 2024  
EXPIRY DATE: MAY, 2027

ITEMS	SPECIFICATIONS	RESULTS
Peroxide Value (P.V.)	Max: 2 Meq O <sub>2</sub> /Kg	0.66Meq O <sub>2</sub> /Kg
Acid Value	Max: 1.0mg KOH/g	<1.0mg KOH/g
Iodine Value	80-92cgl <sub>2</sub> /g	85cgl <sub>2</sub> /g
Bacteria Total Count	Max: 50Cfu/g	<50Cfu/g
Mold	Max: 50Cfu/g	<50Cfu/g
TAMC-Yeast	Max: 50Cfu/g	<50Cfu/g
Specific gravity	0.86-0.753g/ml	0.863g/ml
Melting Point	7°C -9°C	Complies
Refractive Index (40°C)	1.450-1.470	1.46
Moisture (Karl Fischer)	Max: 0.1%	<0.1%
Saponification Value	85-98mg KOH/g	95 mg KOH/g
Unsaponifiable matter	45-55%	Complies
VOC Scan (GC/MS)	N.D	Complies
Pesticides Residues by GC/MS	N.D	Complies
Cd-Cadmium	Max: 1.0mg/Kg	<1.0mg/Kg
Hg-Mercury	Max: 0.1mg/Kg	<0.1mg/Kg
Pb-Lead	Max: 0.1mg/Kg	<0.1mg/Kg
Color Gardner	Max: 9	<9
Palmitic acid C16: 0	0-3.0%	1.1%
Palmitoleic C16: 1	0-3.0%	<0.1%
Oleic acid C18: 1	5-15.0%	5.9%
Gadoleic acid C20: 1	65-80%	78.0%
Behenic acid C22: 0	0-1.0%	<1.0%
Erucic acid C22: 1	10-20%	13.2%
Nervonic acid C24: 1	0-3.0%	<3.0%
Other	0-3.0%	<3.0%

**CONCLUSION:** Conform to the specification.

**STORAGE:** Store in cool & dry place. Keep away from strong light and heat.

**OPERATOR:**

许磊

**AUDITOR:**

周俊