



## CERTIFICATE OF ANALYSIS

PRODUCTS: REFINED SWEET ALMOND OIL      TESTING DATE: MAY. 01, 2024  
BATCH NO: ALR181901      MANUFACTURE DATE: MAY. 01, 2024  
QUANTITY: 6000kg      EXPIRY DATE: MAY. 01, 2026

ITEMS	SPECIFICATIONS	RESULTS
Appearance	Clear, light, yellow liquid. Almost odorless	Complies
Acid Value	≤1mg KOH/g	Complies
Free Fatty Acids (oleic)	≤0.5%	0.1%
Unsaponifiable Matter	≤1%	0.8%
Saponification Number	190-200mg KOH/g	191mg KOH/g
Iodine Value	90-110g I <sub>2</sub> /100 g	103g I <sub>2</sub> /100 g
Cloud Point	<-5°C	<-5°C
Colour (Gardner)	<3	<3
Density	0.910-0.920g/cm <sup>3</sup> (20°C)	0.914g/cm <sup>3</sup>
Peroxide Value	≤3meq O <sub>2</sub> /Kg	0.7meq O <sub>2</sub> /Kg
C-16 PALMITIC	4-11	5.1%
C-16:1 PALMITOLEIC	<2	0.1%
C-18 STEARIC	<3	3%
C-18:1 OLEIC	>58	65.5%
C-18:2 LINOLEIC	<30	24.2%
C-18:3 LINOLENIC	<2	0.1%

**CONCLUSION:** Conform to the specification.

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

OPERATOR:

AUDITOR: