



## LABPRO CHEM

"Essential Laboratory Chemicals For Scientific Research and Experimentation, Ensuring Accuracy And Precision In Every Process."

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### CERTIFICATE OF ANALYSIS

**Product Name: Arachis Oil Extra Pure (Liquid, d. 0.91)**

**CAT Number: LA0476**

**CAS Number: 8002-03-7**

**Batch Number: 546AO**

**Date of Manufacture: June 2025**

**Date of Expiry: May 2030**

Test Parameter	Specification	Result
Appearance	Clear, pale yellow liquid	Complies
Odour	Characteristic, mild nutty	Complies
Density at 20°C	0.910 – 0.920 g/mL	0.912 g/mL
Refractive Index ( $n_D^{20}$ )	1.460 – 1.465	1.462
Acid Value	$\leq 0.5$ mg KOH/g	0.3 mg KOH/g
Peroxide Value	$\leq 5.0$ meq O <sub>2</sub> /kg	2.1 meq O <sub>2</sub> /kg
Saponification Value	187 – 196 mg KOH/g	191 mg KOH/g
Iodine Value	85 – 100 g I <sub>2</sub> /100g	90 g I <sub>2</sub> /100g
Moisture Content	$\leq 0.1\%$	0.05%
Heavy Metals (as Pb)	$\leq 10$ ppm	3 ppm
Insoluble Impurities	$\leq 0.05\%$	0.02%

**Approved By**

(Quality Control Department)

Date: 23/06/2025

For, LABPRO CHEM  
  
AUTH SIGNATORY

Signature: \_\_\_\_\_

TESTED BY  
PREM SINGH

APPROVED BY  
SHAKIL AHMED