



## 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: ACTIVATED CHARCOAL AR**

**Cat No: LA0117**

**CAS No: 7440-44-0**

**Batch No: 710HJ**

**Date of Manufacture: JUNE 2025**

**Date of Expiry: DECEMBER 2030**

Parameters	Specification	Result
Appearance	Fine black odorless powder	Complies
Purity (Activated Carbon Content)	$\geq 99.5\%$	99.6%
Absorptive Power (Iodine Number)	$\geq 1100$ mg/g	1135 mg/g
pH (1% aqueous suspension)	6.0 – 8.0	6.7
Loss on Drying (at 105°C)	$\leq 6.0\%$	3.8%
Ash Content	$\leq 2.5\%$	1.6%
Chloride ( $\text{Cl}^-$ )	$\leq 0.02\%$	<0.01%
Sulphate ( $\text{SO}_4^{2-}$ )	$\leq 0.02\%$	<0.01%
Iron (Fe)	$\leq 0.01\%$	0.005%
Heavy Metals (as Pb)	$\leq 5$ ppm	<2 ppm

**Approved By**

(Quality Control Department)

Date: 23/06/2025

For LABPRO CHEM  
AUTH SIGNATORY

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

TESTED BY  
PREM SINGH

APPROVED BY  
SHAKIL AHMED