



## 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**

**Cat No: LA0115**

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

**Batch No: 716FV**

**Date of Manufacture: JUNE 2025**

**Date of Expiry: DECEMBER 2030**

Parameters	Specification	Result
Appearance	Fine black powder	Complies
Assay (Activated Carbon Content)	$\geq 99.0\%$	99.2%
pH (1% suspension)	5.0 – 8.0	6.8
Chloride ( $\text{Cl}^-$ )	$\leq 0.05\%$	$<0.01\%$
Sulphate ( $\text{SO}_4^{2-}$ )	$\leq 0.05\%$	$<0.02\%$
Ash Content	$\leq 4.0\%$	2.1%
Loss on Drying (at $105^\circ\text{C}$ )	$\leq 10.0\%$	5.4%
Absorptive Power (Iodine No.)	$\geq 1000 \text{ mg/g}$	1100 mg/g
Iron (Fe)	$\leq 0.05\%$	$<0.01\%$
Heavy Metals (as Pb)	$\leq 10 \text{ ppm}$	$<5 \text{ ppm}$

**Approved By**

(Quality Control Department)

Date: 23/06/2025

For LABPRO CHEM  
AUTH SIGNATORY

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

TESTED BY  
PREM SINGH

APPROVED BY  
SHAKIL AHMED