

## Certificate of Analysis

Date of Testing: 2022-04-30 16:11:36  
Date of Next Testing: 2026-04-29 16:11:36  
Product Name: **Activated charcoal**  
CAS Number: 7440-44-0  
Specifications & Purity: Analytical Reagent, ≥200 mesh, in bags  
Lot #: C2226672  
SKU #: **C112223**  
**Analysis:** **080912**  
Storage Temperature: Desiccated

Parameter	Limit Values	Result
Sulfate(SO <sub>4</sub> <sup>2-</sup> )	0-0.01 (%)	0.01 %
Iron(Fe)	0-0.02 (%)	0.01 %
Ignition Residue (as sulfate)	0-2 (%)	0.05 %
Chloride (Cl <sup>-</sup> )	0-0.025 (%)	0.01 %
PH(5% in water, 25°C)	5-7	5.50
Particle size	≥200 (mesh)	200.00 mesh
Zinc(Zn)	0-0.05 (%)	0.02 %
Heavy metals	0-0.005 (%)	0.00 %
Loss on drying	0-15 (%)	10.00 %
Solubility in HCl	0-0.8 (%)	0.60 %
Appearance (C112223)	Black powder or solid	Black powder or solid
Methylene blue absorbance	passes test	Passes test



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QA & QC Manager