

## Certificate of Analysis

Date of Testing: 2022-10-10 16:02:29  
Date of Next Testing: 2026-10-09 16:02:29  
Product Name: **Activated charcoal**  
CAS Number: 7440-44-0  
Specifications & Purity: Analytical Reagent, ≥200 mesh, in bags  
Lot #: I2221270  
SKU #: **C112223**  
**Analysis: 135168**  
Storage Temperature: Desiccated

Parameter	Limit Values	Result
Sulfate(SO42-)	0-0.01 (%)	0.01 %
Iron(Fe)	0-0.02 (%)	0.01 %
Ignition Residue (as sulfate)	0-2 (%)	1.10 %
Chloride (Cl-)	0-0.025 (%)	0.01 %
PH(5% in water, 25°C)	5-7	6.20
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 (%)	0.40 %
Appearance (C112223)	Black powder or solid	Black powder or solid
Methylene blue absorbance	passes test	Passes test



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QA & QC Manager