

Certificate of Analysis

Date of Testing: 2023-12-11 11:19:18
Date of Next Testing: 2027-12-10 11:19:18
Product Name: **Activated charcoal**
CAS Number: 7440-44-0
Specifications & Purity: Analytical Reagent, ≥200 mesh, in bags
Lot #: K2330177
SKU #: **C112223**
Analysis: 135168
Storage Temperature: Desiccated

| Parameter | Limit Values | Result |
|---|-----------------------|-----------------------|
| Sulfate(SO ₄ ²⁻) | 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 |



John Su
QA & QC Manager