

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-12-02 10:14:53  
Date of Next Testing: 2028-12-01 10:14:53  
Product Name: **Activated charcoal**  
CAS Number: 7440-44-0  
Specifications & Purity: AR, ≥200 mesh,in bags  
Lot #: K2426396  
SKU #: **C112223**  
Version: **0**  
Analysis #: **435271**  
Storage Temperature: Desiccated

Parameter	Limit Values	Result
Sulfate(SO4 <sup>2-</sup> )	0-0.01 (%)	0.01 %
Iron(Fe)	0-0.02 (%)	0.01 %
Ignition Residue (as sulfate)	0-2 (%)	0.20 %
Chloride (Cl <sup>-</sup> )	0-0.025 (%)	0.01 %
Particle size	≥200 (mesh)	200.00 mesh
Zinc(Zn)	0-0.05 (%)	0.01 %
Heavy metals	0-0.005 (%)	0.00 %
Loss on drying	0-15 (%)	5.01 %
Solubility in HCl	0-0.8 (%)	0.00 %
PH(5% in water,25°C)	5-7	6.80
Appearance (C112223)	Black powder or solid	Black powder or solid
Methylene blue absorbance	passes test	Passes test



John Su  
QA & QC Manager