

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-10-26 13:33:20

Date of Next Testing: 2028-10-25 13:33:20

Product Name: **Activated charcoal**

CAS Number: 7440-44-0

Specifications & Purity: AR, ≥200 mesh,in bags

Lot #: J2415705

SKU #: **C112223**Version: **0**Analysis #: **413891**

Storage Temperature: Desiccated

Parameter	Limit Values	Result
Sulfate(SO4 ²⁻)	0-0.01 (%)	0.00 %
Iron(Fe)	0-0.02 (%)	0.01 %
Ignition Residue (as sulfate)	0-2 (%)	0.26 %
Chloride (Cl ⁻)	0-0.025 (%)	0.00 %
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 (%)	0.04 %
PH(5% in water,25°C)	5-7	6.50
Appearance (C112223)	Black powder or solid	Black powder or solid
Methylene blue absorbance	passes test	Passes test

John Su
QA & QC Manager