

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-07-01 14:49:50
Date of Next Testing: 2028-06-30 14:49:50
Product Name: **Activated charcoal**
CAS Number: 7440-44-0
Specifications & Purity: Analytical Reagent, ≥200 mesh, in bags
Lot #: F2417129
SKU #: **C112223**
Version: **0**
Analysis #: **364267**
Storage Temperature: Desiccated

Parameter	Limit Values	Result
Iron(Fe)	0-0.02 (%)	0.01 %
Ignition Residue (as sulfate)	0-2 (%)	1.00 %
Chloride (Cl-)	0-0.025 (%)	0.01 %
Particle size	≥200 (mesh)	201.00 mesh
Zinc(Zn)	0-0.05 (%)	0.01 %
Heavy metals	0-0.005 (%)	0.00 %
Loss on drying	0-15 (%)	5.00 %
Solubility in HCl	0-0.8 (%)	0.05 %
Sulfate(SO42-)	0-0.01 (%)	0.01 %
PH(5% in water, 25°C)	5-7	6.20
Appearance (C112223)	Black powder or solid	Black powder or solid
Methylene blue absorbance	passes test	Passes test



John Su
QA & QC Manager