

## Certificate of Analysis

Date of Testing: 2024-09-05 18:11:18  
Date of Next Testing: 2028-09-04 18:11:18  
Product Name: **Ultrahigh capacitance porous carbon activated carbon**  
CAS Number:  
Specifications & Purity: Specific surface area: 2000 (m<sup>2</sup> / g) particle size (microns) : 10  
Lot #: H2422259  
SKU #: **C196580**  
Version: **0**  
Analysis #: **399824**

Parameter	Limit Values	Result
Density	0.35-4 (g/ml)	0.37 g/ml
Specific Surface Area	≥2000 (m <sup>2</sup> /g)	2000.00 m <sup>2</sup> /g
Chloride (Cl <sup>-</sup> )	0-20 (ppm)	0.52 ppm
PH value	6.5-7.5	6.85
Particle size(D50)	9-11 (μm)	10.00 μm
Ignition Residue (as sulfate)	0-0.5 (%)	0.12 %
Organic capacity , 200	Conforms	Conforms
Organic capacity , 30	Conforms	Conforms



John Su  
QA & QC Manager