

Certificate of Analysis 质量分析报告

<b>Product Name:</b>	Activated carbon powder	<b>Batch Number</b>	YG20230925
<b>Plant Part Used:</b>	coconut shell	<b>Manufacture Date:</b>	09,25,2023
<b>Country Origin:</b>	CHINA	<b>Analysis time:</b>	09,25,2023
<b>Quantity:</b>	1,000kgs	<b>Expire Date:</b>	09,25,,2025
<b>Standard:</b>	USP		

Items	Specification	Result
<b>Physical &amp; Sensory Properties</b>		
Description:	Black odorless powder	Conforms
Solubility:	Insoluble in water and organic solvents	Conforms
Loss on drying (120°C 4h) (%)	≤12%	10.05%
Particle size(mesh 200 passed)%	≥90	98%
Bulk density,g/100ml	40-80	50.10
<b>Chemical Properties</b>		
Iodine Adsorption Value,mg/g	≥1000	Conforms
Assay(On an anhydrous and ash free basis):	≥95.0%	98%
Ash (Ignition temperature :625 °C,Total):	≤1.5%	1.3%
PH	6.0-9.5	Conforms
<b>Heavy metals</b>		
Total Heavy Metals	Max 20ppm	Conforms
Arsenic (mg/kg):	≤2	Conforms
Lead (mg/kg) :	≤2	Conforms
Mercury (mg/kg):	≤1	Conforms
Cadmium (mg/kg):	≤1	Conforms
PAHs:	Pass test	Pass test
<b>Microbiological Tests</b>		
Total plate count, CFU/g	<1000	Conforms
Moulds & Yeast,CFU/g	<1000	Conforms
E.Coli	Negative/10g	Absent
Salmonella	Negative/10g	Absent
Staphylococcus aureus,CFU/10g	Negative/10g	Absent
<b>Conclusion:</b>	Conform to the standard	
<b>Storage:</b>	Preserve in well-closed, light-resistant, and protect from moisture.	
<b>Shelf life:</b>	2 years when properly stored.	
<b>Quality Control:</b>	BiehuTian	

