

VIRGIN POWDERED ACTIVATED CARBON (PAC) SERIES DATA SHEET



Our Virgin Powdered Activated Carbon (PAC) series is manufactured using 100% virgin Coconut Shell Activated Carbon. As the name implies, our virgin PAC is in fine powder form, with a particle size typically between 37 to 150 microns. Our product is considered food grade and complies with general EU food law and the food chemical codex (10th edition) standard.

Packaging

- ✘ 25kg PP Sack (55 lb) With Inner Plastic Liner
- ✘ 500kg bulk bag (1100 lb)
- ✘ 25kg Paper Sack
- ✘ Other packing considered on request

Material	100% Sri Lankan Coconut Shell	
Physical appearance	Black, Fine Powder	
CTC	50 / 55	
Iodine Value	1000mg/g / 1050mg/g	
Particle size - US Mesh	-100 / -200 / -325	
Ash	<8%	
Moisture	<8%	
pH	9 to 11	
Pass Through Rate	95%	
Heavy Metals	Test Protocol	Test Results
Cadmium (Cd), ppm	AOAC 2006.03	Not Detected (LOD 0.0028 ppm)
Lead (Pb), ppm	AOAC 2006.03	Not Detected (LOD 0.016 ppm)
Chromium (Cr), ppm	AOAC 2006.03	Not Detected (LOD 0.0054 ppm)
Mercury (Hg), ppb	AOAC 2006.03	Not Detected (LOD 0.06 ppb)
Arsenic (As), ppb	AOAC 2006.03	Not Detected (LOD 0.05 ppb)
Microbiological	Test Protocol	Test Results
Aerobic Plate Count (cfu/g)-at 30°C for 72h	ISO 4833-1:2013	1.0x10 ²
Yeast and Moulds (cfu/g)- at 25°C for 5 days	ISO 21527 -2 :2008	<10 ²
E. Coli (MPN/g)	ISO 7251 : 2005	Not detected
Salmonella spp. In 25g	ISO 6579 -1 :2017	Not detected
Staphylococcus aureus (cfu/g)	ISO 6888 -1 :1999	<10
Listeria spp. in 25g	ISO11290 - 1:2017	Not detected

