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## Typical Product Specifications & Properties

# Activated Carbon Powder

CAS Number: : 7440-44-0

Specifications	Limits
Density	1.8-2.1 (amorphous), 2.25 (graphite), 3.51 (diamond)
Loss on Drying	< 15.0% of mass
Heavy Metals	< 0.005% of mass
Microbial Limits	Passes Test
Reaction Test	Neutral
Chloride	< 0.2% of mass
Sulfide	Passes Test
Sulfate	< 0.2% of mass
Cyanogen Compounds	Passes Test
Adsorption	(Methylene Blue) - >38g/100g
Residue on Ignition	< 4.0% of mass
Uncarbonized Constituents	Passes Test



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Specifications	Limits
Adsorption	(Alkaloids) - Passes Test
Adsorption	(Dyes) - > 0.7 mL
Acid Soluble Substances	< 3.5% of mass
Vapor Pressure	1 mm hg (3586 c)
Melting Point	3652-3697 c
Boiling Point	4200 c



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