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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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Disclaimer: this is a web generated product specification and property document. All information on this document is subject to reconfirmation at time of quote and order.