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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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