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ClusterBoron[®] (B10) Specification

| | |
|----------------|---------------------------------|
| Product Name | ClusterBoron [®] (B10) |
| Chemical Name | Natural Abundance Decaborane |
| Formula | B ₁₀ H ₁₄ |
| CAS # | 17702-41-9 |
| Product Number | 0510-00 |
| Formula Weight | 122.24 |

| Property | Units | Test Method | Specification |
|-------------------|-------|-------------------|------------------------------|
| Appearance | | Visual | Off White Crystalline Powder |
| Assay | wt % | NMR | ≥ 98.0% |
| Individual Metals | ppm | ICP/MS | |
| Arsenic | | | ≤ 1 |
| Cadmium | | | ≤ 5 |
| Chromium | | | ≤ 10 |
| Mercury | | | ≤ 5 |
| Total Metals | ppm | ICP/MS | ≤ 25 Total |
| Arsenic | | ICP/MS/DRC (Iron) | |
| Beryllium | | | |
| Cadmium | | | |
| Chromium | | | |
| Cobalt | | | |
| Copper | | | |
| Iron | | | |
| Lead | | | |
| Mercury | | | |
| Manganese | | | |
| Nickel | | | |
| Titanium | | | |
| Vanadium | | | |
| Zinc | | | |

| | |
|------------------------|------------------------|
| Approving Authorities: | |
| Sonja Cook | VP EHS&Q |
| Kevin Cook | VP R&D |
| Dennis Manning | VP Chemical Operations |
| Approval Date | 18 September 2007 |