

**PRODUCT SPECIFICATION SHEET**

**Crystalline Potassium Iodide, KI<sub>(s)</sub>**

USP/FCC Grade, Free Flowing

| Test                      | Specification   | Typical Results |
|---------------------------|---|-----------------|
| Assay (as is)             | 99.0 - 101.5%   | Pass            |
| Characteristics           | White to off white granular material of varying particle sizes with free flowing properties.<br>Odorless. | Pass            |
| Particle Size             | 70% passage through 10 mesh screen  | Pass            |
| Bulk Density              | 70 80 pounds per cubic foot (75 pound nominal)  | Pass            |
| Identity Test - Potassium | Positive  | Pass            |
| Identity Test - Iodide    | Positive  | Pass            |
| Alkalinity                | Passes test   | Pass            |
| Iodate content            | 4.0 mg/kg maximum   | Pass            |
| Nitrates and Ammonia      | Passes test   | Pass            |
| Thiosulfate & Barium      | Passes test   | Pass            |
| Heavy metals (as Pb)      | 0.001% maximum  | Pass            |
| Loss on Drying            | 1.0% maximum  | Pass            |
| pH (FCC)                  | 6 - 10  | Pass            |
| Lead (FCC)                | 4 mg/kg maximum   | Pass            |

Appropriate/legal use of this product is the responsibility of the user.