



# Product Specifications

PRODUCT NAME: Potassium Fluoride, Anhydrous  
Reagent

CHEMICAL FORMULA: KF

Product Code: 431200-90000  
F.W.: 54.1000  
CAS No: 7789-23-3  
Density: 2.48

| ITEM                                                      | SPECIFICATIONS  |
|-----------------------------------------------------------|-----------------|
| Assay (KF)                                                | 99.0% min.      |
| Chloride (Cl)                                             | 0.005% max.     |
| Heavy metals (by ICP-OES)                                 | 0.001% max.     |
| Iron (Fe)                                                 | 0.001% max.     |
| Potassium fluosilicate (K <sub>2</sub> SiF <sub>6</sub> ) | 0.1% max.       |
| Sodium (Na)                                               | 0.2% max.       |
| Sulfate (SO <sub>4</sub> )                                | 0.005% max.     |
| Titration Acid                                            | 0.03 meq/g max. |
| Titration Base                                            | 0.01 meq/g max. |
| Manufacture Date                                          | Record Actual   |
| Expiration Date                                           | Record Actual   |

Remarks:

The above are the specifications, ranges and limits set for this product.

  
Eddy Santiago  
Quality Assurance Manager

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