



## SPECIFICATION SHEET

Product name: D-glucosamine Sulfate Potassium Chloride

| Items                    | USP Standard                                                        |
|--------------------------|---------------------------------------------------------------------|
| Description              | White Crystalline Powder                                            |
| Identification           | (1)IR Absorption<br>(2)Chloride, Potassium, Sulfate test<br>(3)HPLC |
| Specific Rotation(25 °C) | +47.00°~+53.00°                                                     |
| Residue on Ignition      | 26.50~31.00%                                                        |
| Loss on Drying           | ≤1.0%                                                               |
| PH(2%,25 °C)             | 3.00~5.00                                                           |
| Sodium                   | Meet the requirements                                               |
| Chloride                 | Meet the requirements                                               |
| Potassium                | Meet the requirements                                               |
| Content of sulfate       | 15.5%~16.5%                                                         |
| Heavy Metal              | ≤10ppm                                                              |
| Arsenic                  | ≤3ppm                                                               |
| Lead                     | ≤3ppm                                                               |
| Mercury                  | ≤0.1ppm                                                             |
| Cadminum                 | ≤1ppm                                                               |
| Assay                    | 98.00~102.00%                                                       |
| Total plate count        | MAX 1000cfu/g                                                       |
| Yeast&mold               | MAX 100cfu/g                                                        |
| Salmonella               | negative                                                            |
| E.Coli                   | negative                                                            |
| Staphylococcus Aureus    | negative                                                            |
| Shelf life               | 3 years                                                             |
| Storage                  | Preserve in a tight, light-resistant containers                     |