
FEDERAL LABORATORIES CORP.

Raw Material Data

Sample Of: Glucosamine Sulfate 2KCL
Sample ID: SAMPLE
Lot Size: 4000 Kilos
Manufactured: SAMPLE
Date C.O.A.: SAMPLE
Shelf Life: Two Years
Testing Method: HPLC
Country of Origin: USA
Derived From: Shrimp Shell
Site of Manufacture: Buffalo, NY

Glucosamine Sulfate 2KCL

Specification

Result

| | | |
|--------------------|---------------|-----------|
| Appearance: | Fine Powder | Conforms |
| Specific Rotation: | +48 - +56 deg | +51.6 deg |
| Assay (Dry basis): | >98% | 98.7% |
| Moisture: | <4% | 0.40% |
| Arsenic: | <3 ppm | Conforms |
| Heavy Metals: | <10 ppm | Conforms |
| pH: | 3.0-5.0 | 4.3 |
| Particle Size: | 60-80 mesh | Conforms |
| Cadmium: | <2 ppm | Conforms |
| Mercury: | <0.1 ppm | Conforms |
| Lead: | <1 ppm | Conforms |
| Bulk Density: | 0.5-0.8 g/ml | .566 g/ml |
| Tap Density: | 0.6-0.9 g/ml | .836 g/ml |

Microbiological

| | | |
|-----------------------|------------|-----------|
| Standard Plate Count: | <100 CFU/G | Conforms |
| E Coli: | Negative | Negative |
| Salmonella: | Negative | Negative |
| Yeast & Mold: | <100 CFU/G | <35 CFU/G |

** This product conforms to California's Proposition 65, which regulates toxic substances.**

Federal Laboratories Corporation

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