

# Chem-Impex International, Inc.

---

**Tel:** (630) 766-2112

**E-mail:** sales@chemimpex.com

**Shipping and Correspondence:**

935 Dillon Drive

Wood Dale, IL 60191

**Fax:** (630) 766-2218

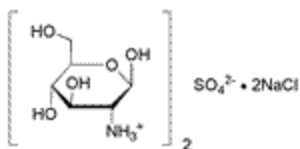
**Web site:** www.chemimpex.com

**Manufacturing site:**

825 Dillon Drive

Wood Dale, IL 60191

---



## Product Specifications

<b>Catalogue Number</b>	03560
<b>Product</b>	<b>D-Glucosamine 6-sulfate sodium chloride</b>
<b>CAS Number</b>	14999-43-0
<b>Molecular Formula</b>	$\text{C}_{12}\text{H}_{28}\text{N}_2\text{O}_{14}\text{S} \cdot 2\text{NaCl}$
<b>Molecular Weight</b>	573.32

---

<b>Appearance</b>	White crystalline powder
<b>Heavy Metals</b>	$\leq 10$ ppm
<b>Anion</b>	Chloride: 11.8-12.8% Sulfates: 16.3-17.3%
<b>Cation</b>	Potassium: No precipitate is formed Arsenic (As): $\leq 3$ ppm
<b>pH</b>	3.0-5.0
<b>Yeast and Mold</b>	$\leq 100$ cfu/g
<b>Optical Rotation</b>	$[\alpha]_{\text{D}}^{20} = +50$ to $+55^\circ$
<b>Infrared Spectrum</b>	Conforms to standard
<b>Loss on Drying</b>	$\leq 0.5\%$
<b>E. Coli</b>	Negative
<b>Microbial Count</b>	Total plate count: $\leq 1000$ cfu/g
<b>Salmonella</b>	Negative
<b>Organic Volatile Impurities</b>	Meet the requirements
<b>Residue On Ignition</b>	22.5-26.0%
<b>Assay</b>	$\geq 99\%$
<b>Grade</b>	USP
<b>Storage</b>	Store at 0-8 °C

# *Product Specifications*

Catalog Number: 03560

---

**For Laboratory Use Only**