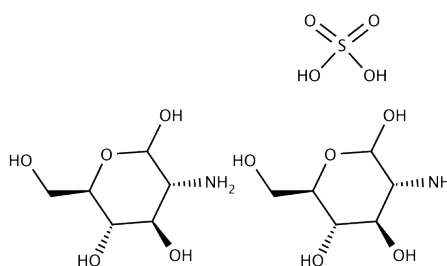


Product Specification

Product Name : D-Glucosamine sulfate, potassium chloride salt
 Glentham Code : GC1036
 CAS Number : 14999-43-0
 EINECS : 249-379-6
 MDL Number : MFCD00080790
 Additional CAS : 29031-19-4
 Additional CAS : 38899-05-7
 Additional CAS : 216699-44-4
 Additional CAS : 1296149-08-0
 PubChem SID : 310274175



Molecular Weight : 605.52
 Molecular Formula : $2(C_6H_{13}NO_5) \cdot H_2SO_4 \cdot 2KCl$
 Storage Temp. : +20°C

Property	Specification
Physical Description	White crystalline powder
Identification	A, B, C, D according to USP
Specific Optical Rotation	+47.0 - +53.0 °
pH (2% in water)	3.0 - 5.0
Residue on Ignition	26.5 - 31.5 %
Chloride (Cl)	11.8 - 12.8 %
Sulphates	15.5 - 16.5 %
Iron (Fe)	≤ 10ppm
Arsenic (As)	≤ 1ppm
Lead (Pb)	≤ 3ppm
Mercury (Hg)	≤ 0.1ppm
Cadmium (Cd)	≤ 1.0ppm
Heavy Metals	≤ 10ppm
Sodium (Na)	To pass test
Loss on Drying	≤ 1.0%
Content	98.0 - 102.0 %
Pharmacopoeia Specification(s)	USP

Specification Version : v1.0

Product Specification

Date Created : 2015-11-13

Glenthams Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check www.glenthams.com or contact us using the details above for the current version of this document.

This document was generated electronically and is therefore valid without signature. © Glenthams Life Sciences Ltd, 2019