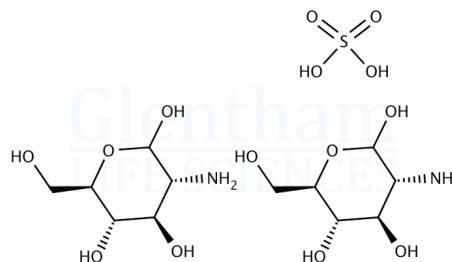


## Product Specification

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	-	v1.1
Date Created	-	2024-02-12

Glentham Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check [www.glentham.com](http://www.glentham.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. © Glentham Life Sciences Ltd, 2025