

SPECIFICATION

Product : D-GLUCOSAMINE HCl

Quality : injectable grade

Species : crust, carapace skin of crustacea

Product-no. : 5210004900

Synonyme : D-Glucosamin hydrochlorid (ASK)

CAS-no. : 3416-24-8

ABDATA : 91102

ASK-no. : 7388

Page : 1/2

Version : 3

Valid from : 11/06

Formula : $C_6H_{14}ClNO_5$

Mol.-weight : 215.63

Controls	Specification	Method
Description	white, crystalline powder	USP 28, <695>
Specific rotation	+71° to + 73°	USP 28, <781S>
Loss on drying (at 105° for 2 h)	≤ 0.1 %	USP 28, <731>
Residue on ignition	≤ 0.1 %	USP 28, <281>
pH	3.5-5.0	USP 28, <791>
Heavy metals	≤10 ppm	USP 28, <231> Method II
Iron	≤10 ppm	USP 28, <241>
Arsenic	≤0.5 ppm	USP 28, <211> Method II
Trans. (20% water solu.-450 nm)	≥95.0 %	USP 28, <197>
Absorbtion (20% water sol.-280nm)	≤ 0.20 a.u.	USP 28, <197>
Chloride	16.2 – 16.7 %	USP 28, <221>
Bulk density	≥ 0.75 g/ml	USP 28, <616>
Particle size	all through 30 mesh	USP 28, <811>

please turnover



Product : D-GLUCOSAMINE HCl

Quality : injectable grade

Species : crust, carapace skin of crustacea **Page** : 2/2

Product-no. : 5210004900 **Version** : 3

Synonyme : D-Glucosamin hydrochlorid (ASK) **Valid from** : 11/06

CAS-no. : 66-84-2 **Formula** : C₆H₁₄ClNO₅

ABDATA : 91102 **Mol.-weight** : 215.63

ASK-no. : 7388

Controls	Specification	Method
Assay (percent of total nitrogen)	≥99 ,5 %	USP 28, <197>
<i>Microbiological tests</i>		
Total bacterial count	≤100 CFU/g	USP 28, <61>
Yeast and mould	≤100 CFU/g	USP 28, <61>
Bacterial Endotoxins	≤0.25 Eu/ml (10% solution)	USP 28, <85>
Escherichia coli	negative	USP 28, <61>
Salmonella	negative	USP 28, <61>
Staphylococcus aureus	negative	USP 28, <61>

Primary packing	: polybags
Storage	: well closed
Durability	: 24 months