

SPECIFICATION

Product : **CHONDROITINE SULFATE A+C**

Quality : min. 90 %, ex bovine trachea

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Product-no. : 5310002900

Version : 3

Synonyme : Chondroitin-(4-6)-sulfate

Valid from : 01/09

CAS-no. : 9007-28-7

Mol.-weight : 15.000-50.000 da

ABDATA : 61906

Formula : $H(C_{14}H_{19}NNa_2O_{14}S)_nOH$

ASK-no : 6835

Controls	Specification	Method
Description	fine white to yellowish powder	visual
Sulfated Ashes	20 - 30 %	USP
Loss on drying 105 °C - 4h	≤ 10.0 %	USP
Sulphur	5.0 - 7.0 %	USP
Heavy metals	≤ 20 ppm	USP
pH	5.5 - 7.5	USP
Chlorides	≤ 0.5 %	USP
Sodium reaction	positive	USP
Nitrogen	≤ 4 %	Kjeldal
free Sulfates	≤ 0.5 %	USP
Proteins	≤ 4 %	Lowry
Chondroitin Sulphate assay	≥ 90.0 %	Carbazol
Total Bacterial count	≤ 1000/g substance	NMKL
Salmonella	absent in 25 g	NMKL
E.Coli	absent in 10 g	NMKL

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