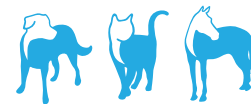


SafChondro



Data Sheet

Description:

Safchondro® is an animal-free, highly purified and safe chondroitin sulfate. **Safchondro®** is made by precision fermentation from selected non GMO proprietary strain followed by targeted sulfation for better bioavailability and better efficacy on joint preservation.

Typical profile:

Chondroitin Sulfate Sodium

	SPECIFICATIONS	ANALYTICAL METHOD REFERENCE
Appearance	White to off-white powder	Visual
Content of chondroitin sulfate sodium	95.0 % - 105.0 % d.b.	USP monograph

Identification:

IR	Positive	USP monograph
Clarity and Color of solution (5% aqueous solution, absorbance at 420 nm)	≤ 0.35	USP monograph
Specific Optical Rotation (3% aqueous solution)	-2° to -12° d.b.	USP monograph
Sodium (Indicative value)	8 %	ISO 11885

pH (1% aqueous solution)	5.5 - 7.5	USP monograph
Loss on drying (105 °C for 4 hours)	≤ 10.0 %	USP monograph
Residue on ignition	20.0 % - 30.0 % d.b.	USP monograph

Bulk Density	0.50 - 0.60 g/ml	USP <616>
Tapped Density	0.62 - 0.87 g/ml	USP <616>

Microbial enumeration:

Total bacterial count	≤ 10 ³ CFU/g	USP <2021>
Total yeasts and molds	≤ 10 ² CFU/g	USP <2021>
Salmonella sp.	Absent / 10 g	USP <2022>
Escherichia coli	Absent / 10 g	USP <2022>

Protein	≤ 0.5 % d.b.	USP monograph
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Recommended daily usage:

- 2 to 3 gr per horse of 500 kgs
- 20 to 40 mg / kg of dog or cat

Packaging and storage:

Packaging: 5 kg and 25 kg LDPE bag put inside of aluminum compound foil bag, sealed under vacuum, and placed into a carton box.

Shelf life: Store in enclosed location out of direct sunlight. Store in a dry place, at room temperature (≤25°C) in original packaging for optimum preservation. Close bag after use.

Storage: 3 years from production date, in original packaging.



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