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硫酸软骨素

Chondroitin Sulfate

Assay: $\geq 90\%$

Properties (Appearance)

White or white granules or powder, odorless,

This product is in the water into a clear solution, in ethanol, ethyl ether, acetone insoluble.

Specifications

Optical rotation:	$(-20^{\circ}) \sim (-30^{\circ})$
Content:	$\geq 90\%$
Loss on drying:	$\leq 10\%$
Protein :	$\leq 3.5\%$
Residue on ignition:	20.0%~30.0%
Chloride:	$\leq 0.50\%$
Sulfide:	0.24%
PH (1% Water solution):	5.5 - 7.5

Impurities and microbiological testing

Heavy Metals:	$\leq 20\text{ppm}$
Arsenic:	$<1\text{ppm}$
The total bacterial count:	$<1,000\text{ cfu / g}$
Yeast:	$<100\text{cfu / g}$
E. coli:	not detected
Salmonella:	not detectable