

Certificate of Analysis

Product Name: Chondroitinase ABC (from *Proteus vulgaris*), Protease Free
Cat. Number: AMS.E1028-02
EC Number: 4.2.2.4
CAS Number: 9024-13-9
Lot Number: CFP-0091

Test	Specifications	Results	Test Methods
Appearance	Dry white to offwhite lyophilized powder	Conforms	Visual Inspection
Unit Size	2 units	3.57 units	UV _{232nm} (QC009)
Protein Content	Report result	16.18 ug	Bradford (WI.05.008)
Specific Activity	≥ 100 units/mg protein	220.64 units/mg protein	--
Bacterial Endotoxin	≤200 EU / unit enzyme	0.001 EU / unit enzyme	Turbidimetric Technique (WI.05.004)
Stabilizer	Albumin Free	Conforms	SDS-PAGE (WI.05.013)
Min Shelf Life	2 years	2 years from 28 JUN 2023	--
Contaminants			
Protease	Not detected	Not detected	UV _{253nm} to detect any OD change
Heparinase	Not detected	Not detected	UV _{232nm} to detect any OD change
Heparitinase	Not detected	Not detected	UV _{232nm} to detect any OD change

One unit is defined as the amount of enzyme required to liberate 1 μmole of unsaturated disaccharide from chondroitin sulfate C per min at 37°C, pH 8

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