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Title: Pharmaceutical grade chondroitin sulfate: Structural analysis and identification of contaminants in different commercial preparations

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## HIGHLIGHTS

- Sixteen chondroitin sulfate (CS) preparations were analyzed for purity and CS structure;
- Eleven (out of sixteen) samples were less than 15% CS;
- Maltodextrin was the main contaminant in nine, and lactose in two of these samples;
- Five samples were more than 90% CS, but their structures varied, concerning size and sulfation.

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