

Code No.:400483-1
Isomaltoheptaose F

A series of isomaltooligosaccharides from dimer to heptamer are prepared by hydrolysis of dextran from *Leuconostoc mesenteroides*¹⁻⁵. The oligomers are composed of alpha - 1, 6 - linked D - glucose. All oligomers are chromatographically pure, confirmed by high performance liquid chromatography.

APPEARANCE

All oligomers are lyophilized powder.

PURITY

- Fine Grade: not less than 95%
- Pure Grade: not less than 99%

USES

- Substrates and inhibitors of dextranase
- Starting materials of synthesis
- Standards for PPC, TLC, HPLC, etc.

STORAGE

Store in desiccator at room temperature.

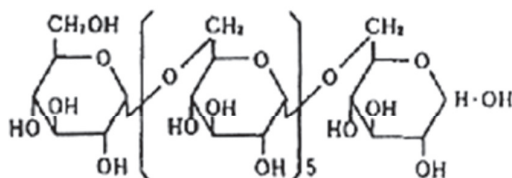
REFERENCES:

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- 2) Jones, R. W., Jeanes, A., Stringer, C. S. and Tsuchiya, H. M.: *J. Amer Chem. Soc.*, **78**, 2499 (1956)
- 3) Turvey, J. R. and Whelan, W. J.: *Biochem. J.* **67**, 49 (1957)
- 4) Whelan, W. J.: *Meth. Carbohydr. Chem.*, **1**, 321 (1962)
- 5) Techmann, B., Himmelspach, K. and Westphal, O.: *J. Park. Chem.*, **313**, 861 (1971)

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[alpha]²⁰_D : 166* (H₂O)
Molecular weight : 1153.0

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Note:

For laboratory use only. Not for drug, household or other uses.