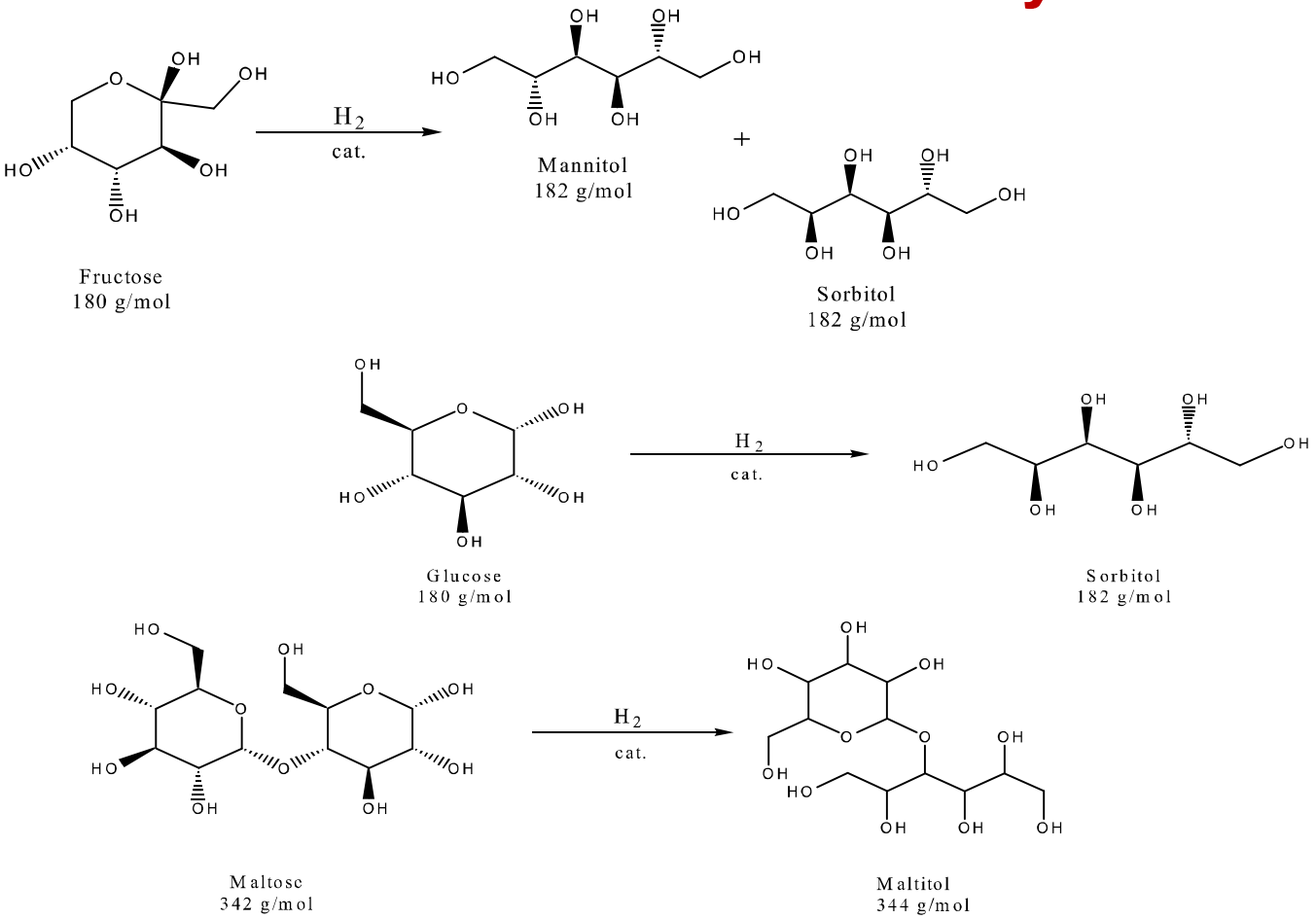
TECHNOLOGY
Polyol Chemistry



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TECHNOLOGY
References

Mono-saccharides

Glucose	→	**Sorbitol**	**Plant (3)**
Xylose	→	**Xylitol**	**Plant**
Fructose	→	**Sorbitol/Mannitol**	**Plant**

Di-saccharides

Saccharose (Glucose-Fructose)	→	**Isomalt** (Glucose-Sorbitol/Mannitol)	-
Lactose (Glucose-Galactose)	→	**Lactitol** (Sorbitol-Galactose)	**Pilot**
Maltose (Glucose-Glucose)	→	**Maltitol** (Glucose-Sorbitol)	**Plant**

TECHNOLOGY
Process Sugar → H-Sugar

- Purification/ preparation of glucose syrup

- Hydrogenation
- Catalyst removal /recycle

- Purification (Ion exchange)
- Evaporation
- Conditioning as syrup and/or crystallisation

TECHNOLOGY
The Concept in general

The process has been specially developed to obtain

- ➔ **products of very high quality**
- ➔ **produced in a very attractive economic way**
- ➔ **and under safe conditions.**