



LKT Laboratories, Inc.

Lactulose

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Product Information

Product ID L0211

CAS No. 4618-18-2

Chemical Name 4-O-b-D-Galactopyranosyl-D-fructose

Synonym Bifiteral, Cephalac, Generlac, Lactuflor, Normase

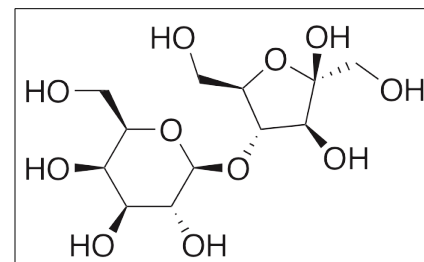
Formula $C_{12}H_{22}O_{11}$

Formula Wt. 342.30

Melting Point 169° C

Purity ≥99%

Solubility Soluble in water.



Bulk quantities available upon request

Product ID	Size
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L0211	5 g
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L0211	10 g
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L0211	25 g
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Store Temp Ambient

Ship Temp Ambient

Description Lactulose is a synthetic, non-digestible sugar that is clinically used to treat constipation, as it exhibits laxative activity; it is also used to treat hepatic encephalopathy-induced hyperammonemia. Lactulose induces retention of water. Metabolites of lactulose have peristalsis-stimulating activity.

References Panesar PS, Kumari S. Lactulose: production, purification and potential applications. *Biotechnol Adv.* 2011 Nov-Dec;29(6):940-8. PMID: 21856402.

Shukla S, Shukla A, Mehboob S, et al. Meta-analysis: the effects of gut flora modulation using prebiotics, probiotics and synbiotics on minimal hepatic encephalopathy. *Aliment Pharmacol Ther.* 2011 Mar;33(6):662-71. PMID: 21251030.

Caution: This product is intended for laboratory and research use only. It is not for human or drug use.