



Issued July 2020

Product Name	GalactEXO™
Product Number	G1-GM1-020
Product Composition	2000 Units of GalactEXO, exoglycosidase lyophilized in Tris buffer saline (TBS).
Manufacturer	Genovis AB, Sweden.
Appearance	White to light yellow powder.
Source	GalactEXO enzymes are cloned from <i>Akkermansia muciniphila</i> and expressed in <i>E.coli</i> .
Bioburden	Absence of microbial contamination. Tested on Sabouraud Dextrose Agar, Fluid Thioglycollate Medium and Blood Agar.
Enzyme Activity	One unit of GalactEXO hydrolyzes galactoses from $\geq 95\%$ of 0.15 nmol Gal- β 1,3-GalNAc-pNP and 2 nmol Gal- β 1,4-GlcNAc-pNP when incubated in 20 mM Tris pH 6.8 at 37°C for 30 minutes.
Physical Purity	Purified to $\geq 95\%$ homogeneity as determined by SDS-PAGE analysis using Coomassie Blue detection.
Shipping Conditions	Shipped with gel ice refrigerants.
Storage Temperature	-20°C