



CERTIFICATE OF ANALYSIS

Product **Lactose**
4-O-β-D-galactopyranosyl-α-D-glucose

Catalog No. S-9004

Amount 721 mg

Lot No. ZG0605

Chemical Formula: $C_{12}H_{22}O_{11} \cdot H_2O$

Formula Weight 360.3

Storage: Reconstituted sugar solutions should be stored frozen or stored at 4 °C using sodium azide (0.08%) as a preservative.

Reconstitute the sugar in 5 ml of distilled or deionized water or in 5 ml of a buffer (e.g. 10 mM HEPES buffered saline, pH 7.5-pH 8.0) or salt solution compatible with the lectin under study. **If reconstituted in 5 ml, this sugar will be 400 mM.** The sugar solution can be diluted further when appropriate or the sugar may be reconstituted with a smaller volume of water or buffer, if the sugar is soluble, to increase the final concentration.