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## Product Specification

Product Name:  
Galactosyltransferase from bovine milk - lyophilized powder

Product Number: **G5507**  
CAS Number: 9031-68-9  
MDL: MFCD00131122

Storage Temperature: -20 °C

TEST	Specification
% Protein (WC)	35 - 65
% Lactalbumin	≤ 10
A-Lactalbumin content < or = 10% of the total protein content	
units/mg protein	3.0 - 15.0
(with adequate alpha-lactalbumin) One unit will transfer 1.0 micromole of galactose from UDP-galactose to d-glucose per minute at pH 8.4 at 30 deg C in the presence of 0.2 mg A-Lactalbumin per mL of reaction mixture	
units/mg protein	≤ 0.3
(without added alpha-lactalbumin) One unit will transfer 1.0 micromole of galactose from udp-galactose to d-glucose per minute at pH 8.4 at 30 deg C	

Specification: PRD.0.ZQ5.10000105903

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at [Sigma-Aldrich.com](http://Sigma-Aldrich.com). For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.

