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Certificate of Analysis

Product Name:

β -Glucuronidase from Escherichia coli - $\geq 20,000$ units/mg protein, recombinant, expressed in E. coli overproducing strain, lyophilized powder

Product Number: G8420
Batch Number: SLBQ0687V
Brand: SIGMA
CAS Number: 9001-45-0
MDL Number: MFCD00130629
Storage Temperature: Store at -20 °C
Quality Release Date: 17 NOV 2015
Recommended Retest Date: NOV 2019

Test	Specification	Result
Appearance (Color)	White to Off-White	White
Appearance (Form)	Powder	Powder
Solubility (Color)	Colorless	Colorless
Solubility (Turbidity)	Slightly Hazy	Slightly Hazy
15 mg/ml of 0.075 M Potassium Phosphate, pH 6.8		
% Protein (Biuret)	15 - 35	22
Approx 25% Protein		
units/mg protein	≥ 20000	52361
One Sigma or modified Fishman unit will liberate 1.0 microgram of phenolphthalein from phenolphthalein glucuronide per hour at pH 6.8 at 37 deg C (30 min assay).		



Rodney Burbach, Manager
Analytical Services
St. Louis, Missouri US

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. 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.