

3050 Spruce Street, Saint Louis, MO 63103, USA

Website: www.sigmaaldrich.com

Email USA: techserv@sial.com

Outside USA: eurtechserv@sial.com

Product Specification

Product Name:

Glucose Oxidase from *Aspergillus niger* Type II-5, 15,000-50,000 units/g solid (without added oxygen)

Product Number: G6641
CAS Number: 9001-37-0
MDL: MFCD00131182

Formula Weight: -20 °C
 Storage Temperature: -20 °C

TEST	Specification
Appearance (Color)	Yellow
Appearance (Form)	Powder
Solubility (Color)	Faint Yellow to Yellow
Solubility (Turbidity) 1 mg/mL, 0.05M Sodium Acetate(pH 5.1)	Clear
Protein by Biuret	20- 40 %
units/G solid (Without added oxygen) One unit will oxidize 1.0 micromole of Beta-D-Glucose to D-Gluconolactone and Hydrogen peroxide per minute at pH 5.1 at 35 deg C.	15,000- 50,000
Maltase	≥10 %
Glycogenase	≥0.5 %
Amylase	≥0.5 %
Invertase	≥0.5 %
Galactose Oxidase	0.5- 4.0 %
Catalase Impurity Sigma Units	≤10
Note	-----

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.

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Website: www.sigmaaldrich.comEmail USA: techserv@sial.comOutside USA: eurtechserv@sial.com**Product Specification**

Product Name:

Glucose Oxidase from *Aspergillus niger* Type II-S, 15,000-50,000 units/g solid (without added oxygen)

Product Number:

G6641

CAS Number:

9001-37-0

MDL:

MFCD00131182

Formula Weight:

-20 °C

Storage Temperature:

-20 °C

TEST**Specification**

Impurities expressed in % of main activity.

Remarks::
:

Specification Date : 11/11/2010

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