Gojira Fine Chemicals, LLC

Quality Products & Services Meeting Customer Needs

5386 Majestic Parkway, Suite 7, Bedford Heights, OH 44146

www.gojirafc.com ● sales@gojirafc.com

Certificate of Analysis

Glucose Dehydrogenase (NADP-dependent)

Catalog Number: GD1003
Lot Number: 0730901
EC Number: 1.1.1.47
Source: Microbial
pH Optimum: 8.0 – 9.0 in Tris-HCl
Molecular Weight: ~101kDa
Storage: < -20°C
Expiration: July 30, 2020

Test	Specification	Result
Appearance	White amorphous powder, lyophilized	Conforms
Activity*	≥ 250U/mg solid	274U/mg solid
NADH Oxidase	≤ 0.001%	< 0.00001%
Glucose-6-Phosphate Dehydrogenase	≤ 0.001%	< 0.00001%
α-Glucosidase	≤ 0.001%	< 0.00001%

* Unit definition: One unit causes the formation of one mmole of NADH per minute under these conditions: 0.1M Tris-HCl, pH 8.0, D-Glucose solution at 1.5M, β-NAD+ solution at 80mg/mL and enzyme diluent of 50mM K-phosphate. pH 7.0, 0.1% BSA.

Approved by: Date: July 30, 2019

John Grubb, PhD
Gojira Fine Chemicals, LLC
Quality Manager
Tel: 440-539-7033 Fax: 888-211-5523
john@gojirafc.com

For research or further manufacturing. Not for drug, clinical or a food use in humans or animals.