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## **-CERTIFICATE OF ANALYSIS-**

Product: Glucose oxidase (from *Aspergillus niger*)

Code No: BIB3068

CAS No: 9001-37-0

Batch No: AS457239

Appearance: Yellow freeze-dried powder

Activity: 274 U/mg material  
393 U/mg protein  
231 U/E<sub>280</sub>

Solubility: Dissolves readily at 5mg/ml in 0.1M potassium phosphate  
pH 7.0, giving a clear, yellow solution

Protein concentration: 0.697mg protein/mg material (Lowry)

Contaminants

$\alpha$ -amylase: <0.0001%

Catalase: 0.01 U/mg material

Maltase: <0.0001%

Saccharase: 0.0013%

GO/CAT ratio: 27400

Spectrophotometric data:  $E_{280}^{1\%} = 11.84$

Verified by: David Parton

Signed:

Date: 15<sup>th</sup> April 2015