



## CERTIFICATE OF ANALYSIS

---

Product	Glutamate Dehydrogenase
Grade	N/A
Product Code	Y46486003
Formula	N/A
MW	N/A
CAS#	9029-12-3
Lot No	

---

---

Test Items	Specifications	Results
Activity	Report	
Specific activity:	>10 U/mg protein for oxidation of L-glutamate to 2-oxoglutarate	
Contaminants: (as GIDH activity = 100%)		
Glucose-6-phosphate dehydrogenase	< 0.1 %	
Phosphogluconate dehydrogenase	< 0.5 %	
Glutamate dehydrogenase (NAD <sup>+</sup> )	< 0.1 %	
Glutathione reductase	< 0.1 %	
NADPH oxidase	< 0.01 %	
Ammonium sulfate free, lyophilized powder of highly purified enzyme		
One mg of powder contains the following		
Protein	700 ± 200 µg	
K-PO4	300 ± 300 µg	

---

Source: from yeast

Storage: -20°C