

CERTIFICATE OF ANALYSIS

Glutamate dehydrogenase from bovine liver
E.C. 1.4.1.3 solution

Cat.No. : 22904
Contr.No.: 151473

Parameter	Method	Specification	Result
Molecular weight		ca. 350 000	
Appearance		colorless solution in 50 % glycerol	corresponds
Activity (U/mg protein)	Glutamate dehydrogenase in the presence of ADP	ca. 100	79
Activity in other units (U/mg protein)	not containing ADP	ca. 40	48.6
Protein content (mg/ml)	Lowry	ca. 20	22.0
Minimum shelf life			21.05.2017
Storage (°C)			+2 to +8

Unit definition

1 Unit is that amount of enzymatic activity which catalyzes the reductive amination of 1 µmole of 2-oxoglutarate per minute at 25°C, pH 7.3 in the presence of ADP.

1 Unit causes the transformation of 1 µmole 2-oxoglutarate per minute at 25°C and pH 7.3 under assay conditions not containing ADP.

We do not guarantee that the product can be used for a special application.
This document does not release you from performing the standard control upon receipt of incoming goods.

SERVA Electrophoresis GmbH
Quality Control

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