



Certificate of Analysis

Pyruvate Kinase, Rabbit Muscle

Product Number: PK1002
Lot Number: 0810801
CAS#: 9001-59-6
EC #: 2.7.1.40
Source: Rabbit Muscle
Storage: -20°C
Date of Retest: August 3, 2021

Test	Specification	Result
Appearance (Color)	White	Complies
Appearance (Form)	Powder	Lyophilized
Specific Activity	Report	150U/mg protein
Activity	≥ 200U/mg powder	170U/mg
Protein	Report	1.1 (E 0.1% 280nm = 0.54)
Solubility (10mg/mL, 0.1M Sodium Phosphate, pH 7.6)	Clear & colorless	Conforms
Enzymatic Impurity		
Lactate Dehydrogenase	< 0.01%	< 0.01%
Creatine Kinase:	< 1.0%	< 1.0%
Unit definition: One unit will convert one micromole of phosphoenolpyruvate to pyruvate per minute at pH 7.6 and 37°C		
Reconstitution: 0.1M Sodium Phosphate, pH 7.6 (recommended)		

Approved by:

Date: August 9, 2018

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