

SPECIFICATION

Phosphoglucomutase Rabbit Muscle

GENERAL INFORMATION

Catalogue Number	490-76	Storage Temperature	-20°C
Synonyms	PGM	Storage Note	Protect from moisture
CAS Number	9001-84-4	Shipping Note	Cold Packs
E.C. Number	5.4.2.2		

PRODUCT INFORMATION

Source	Rabbit skeletal muscle		
Form	Powder, lyophilized from 50 mM sodium citrate, 3 mM DTT, pH 6.5		
Appearance	White to off-white powder		
Solubility	Clear, colorless to faint yellow (1 mg/mL saline)		
Activity	Report U/mg		
Unit Definition	One unit will catalyze the conversion of 1.0 micromole of alpha-D-glucose-1-phosphate to alpha-D-glucose-6-phosphate per minute at pH 7.4 and 30°C		
Protein	Report mg protein/mg ($E^{0.1\%}_{280nm}=0.77$)		
Specific Activity	≥ 100 U/mg protein		
Contaminants	LDH	$\leq 0.1\%$	
	PGI	$\leq 1.0\%$	
	PK	$\leq 0.05\%$	
Recertification	Three years from date of manufacture		

HANDLING INFORMATION

Handling	Handle as a potentially hazardous substance. Refer to SDS.
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The animal source of this product was collected at a licensed establishment. The animals received ante and post mortem health inspection at the abattoir by a US FSIS inspector and they were apparently free from infectious and contagious diseases. USE OF PRODUCT IS DETERMINED BY END USER. This product is for in vitro diagnostic use only - NOT FOR HUMAN USE.

