



RayBiotech, Inc.

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Certificate of Analysis and Data Sheet Human Pancreas, Amylase Alpha

Catalog No.
MD-14-0009P

Source:
Human Pancreas

Description: Human Pancreas, Amylase alpha

Contaminants:

GOT	<0.006%
ALP	<0.006%
Lipase	<0.001%
Protease	<0.0002%

Source: Human Pancreas

Format: Purified, Liquid

Concentration: Activity: 605 Units/ml @ 37°C measured on Dimension
Specific activity: 176.4 Units/mg protein
Total protein: 3.4 mg/ml
One unit will catalyze the hydrolysis of one micromole of malto-pentaose, which through coupled reactions results in the formation of 5 micromoles of glucose-6-phosphate per minute at 37°C. Measured at 340nm as an equimolar amount of NADH produced by a coupled reaction.

Buffer: 100mM Tris-HCl, 150mM Sodium chloride, 1mM Calcium chloride, 1mM Benzamidine, 1mM Pefabloc, pH 7.5

Preservative: None

Applications: Specific methodologies have not been tested using this product.

Storage: Store at 2-8°C.

Inactivation: Not applicable

**The products are furnished for LABORATORY RESEARCH USE ONLY.
Not for diagnostic or therapeutic use.**