CERTIFICATE OF ANALYSIS

TRYPSIN 1:250 PORCINE PANCREAS, USP GRADE, *LOW ENDOTOXIN, IRRADIATED*

Catalogue No: 625-035-**

Lot No: 625035028

Exp Date: 07/2027

Shipping: Ambient

Storage: Store Refrigerated at 2 to 8°C, dry conditions.

Irradiation: Minimum delivered dose 30 kG

Source: Porcine Pancreas

Country of origin: Canada

TEST	SPECIFICATION	UNITS	RESULTS
Appearance	Off-White to beige amorphous powder		Meets specification
Standard Plate count	< 1 000	CFU/gram	< 1 000
Yeast and Mold	< 10	CFU/gram	<10
Pseudomonas aeruginosa	Not detected in 25 g		Not detected
Salmonella sp	Not detected in 25g		Not detected
Staphycoccus aureus	< 10	CFU/mg	< 10
Escherichia coli	Not detected in 25g		Not detected
Endotoxin (KTA Method)	< 20	EU/mg	1.0
Porcine Parvovirus (9CFR Method)	Tested negative		Negative
Porcine Circovirus (9CFR Method)	Tested negative		Negative

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TEST	SPECIFICATION	UNITS	RESULTS
ASH	< 2.5	%	<0.1
Moisture	< 5.0	%	4.0
Chymotrypsin Activity	75-180	Units/mg	100
Trypsin Activity	≥ 225	Units/mg	785
Protease Activity	225-275	Units/mg	226

UNIT DEFINITIONS:

TRYPSIN: The amount of enzyme causing an increase in absorbance at 253 nm of 0.003 per minute at 25°C.

CHYMOTRYPSIN: The amount of enzyme causing a decrease in absorbance at 237 nm of 0.0075 per minute at 25°C.

PROTEASE: The amount of enzyme that digest 1.0 mg of CASEIN under the conditions of the assay (USP 24).