



# ENZYME INNOVATION

A Division of Specialty Enzymes

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## PRODUCT SPECIFICATION SHEET

**PRODUCT:** Proganozyme  
**COUNTRY OF MANUFACTURE:** Made in the USA with domestic and foreign ingredients.

### IDENTIFICATION†

<u>PARAMETER</u>	<u>SPECIFICATION</u>	<u>TEST METHOD</u>
FTIR Spectral Analysis†	≥ 90% Spectral Correlation	FTIR (In-House)

### PHYSICAL PROPERTIES

<u>PARAMETER</u>	<u>SPECIFICATION</u>	<u>TEST METHOD</u>
Appearance	Off-White to Tan Powder	Organoleptic
Moisture Content	< 10.0 %	Thermogravimetric (TG)
Heavy metals	< 20 ppm	ICP

### MICROBIOLOGICAL SPECIFICATIONS

<u>PARAMETER</u>	<u>SPECIFICATION</u>	<u>TEST METHOD</u>
Total Aerobic Count	< 50,000 CFU/g	FDA BAM Online Ch. 3
Yeast and Mold	< 1,000 CFU/g	FDA BAM Online Ch. 18
Coliforms	< 30 CFU/g	FDA BAM Online Ch. 4
<i>E. coli</i>	NEGATIVE/g	FDA BAM Online Ch. 4
<i>Salmonella</i>	NEGATIVE/25g	FDA BAM Online Ch. 5

### GENERAL

<u>PARAMETER</u>	<u>SPECIFICATION</u>
Storage	Cool, dry and dark environment (optimal storage in closed containers at or below 10°C under low relative humidity)
Expiration	24 months from the date of manufacture under the recommended storage conditions

*Other ingredients: product standardized in a base of maltodextrin (from corn).*

†Spectral identity and activities are measured at the time of product manufacture.

‡ Enzyme activity may vary within 15% of the specified value as per FCC Enzyme Preparations Monograph: p413-415, 11<sup>th</sup> Ed., 2016.

\*Test methods are subject to change and updates based on methodology and technology improvements.

§This product is manufactured for industrial use only.

**Inspections & Returns:** Customer has ten days after receipt to inspect the product. Customer must notify Company in writing within this period (i) of any shortage, (ii) if the product does not meet specifications, and/or (iii) if the product is otherwise defective, after which Customer waives and releases all claims. Use or processing of the product shall be deemed to be an unconditional acceptance of the product and a waiver of all claims. Customer's exclusive remedy shall be the invoice cost of the product and in no event shall Company be responsible for indirect, consequential, incidental, special or exemplary damages.

Proganozyme\_Specification\_01A0