

Medley[®] Pure

100 L

In this product the key enzyme activity is provided by
endo-amylase that hydrolyzes (1,4)-alpha-D-glucosidic linkages in starch polysaccharides
endo-mannosidase that hydrolyzes (1,4)-linkages in beta-D-mannosides
lipase that hydrolyzes ester bonds in glycerides
pectate lyase that hydrolyzes (1,4)-alpha-D-galacturonan to give oligosaccharides with
4-deoxy-alpha-D-galact-4-enuronosyl groups at their non-reducing ends
serine endoprotease that hydrolyzes internal peptide bonds

PRODUCT CHARACTERISTICS/PROPERTIES

Component name	Protease (Subtilisin) Alpha-amylase Pectate Lyase Lipase Mannanase (Mannan endo-1,4-beta-mannosidase)
Activity	1.1 KLPU-SX/g
Color	Amber
Physical form	Liquid
Properties	Semi transparent
Odor	Slight fermentation odor

PRODUCT SPECIFICATION

	Lower Limit	Upper Limit	Unit
Protease unit KLPU-SX	1.1		/g
pH at 25°C	5.3	5.7	
Viscosity at 25°C	-	100	cps
Absorbance det. 440 nm	-	2.5	
Total viable count	-	10000	/g

FORMULATION

Formulation Ingredients	Composition(w/w)
Glycerol, CAS no. 56-81-5	10-50
Water, CAS no. 7732-18-5	10-50
Propylene glycol, CAS no. 57-55-6	1-10
Sorbitol, CAS no. 50-70-4	1-10
Sodium formate, CAS no. 141-53-7	1-10
Phenoxy ethanol, CAS no. 122-99-6	< 1
Disubstituted alaninamide, CAS no. -	< 1

For more detailed information on ingredients classified as hazardous, please see the Safety Data Sheet.

GM STATUS

This product is not a GMO.

The enzyme product is manufactured by fermentation of microorganisms that are not present in the final product. The production organisms are improved by means of modern biotechnology.

Valid from 2017-08-24

STORAGE CONDITION

Recommended storage: 0-25 °C (32-77 °F)

Packaging must be kept intact, dry, and away from sunlight. Please follow the recommendations and use the product before the best before date to avoid the need for a higher dosage.

Best before: You will find the best before date in the certificate of analysis or on the product label.

When stored as recommended, the product will maintain its declared activity up to its best-before date.

Novozymes guarantees delivery at least 3 months prior to the best-before date.

SAFETY AND HANDLING PRECAUTIONS

Enzymes are proteins. Inhalation of dust or aerosols may induce sensitization and may cause allergic reactions in sensitized individuals. Some enzymes may irritate the skin, eyes, and mucous membranes upon prolonged contact. See the MSDS or Safety Manual for further information regarding safe handling of the product and spills.

CERTIFICATIONS

Novozymes is a signatory to United Nations Global Compact, United Nations Convention on Biological Diversity and report on our sustainability performance through Global Reporting Initiative (GRI). See all our commitments under sustainability on www.novozymes.com.



PACKAGING

The product is available in different types of packaging . Please contact the sales representative for more information.

For more information, or for more office addresses, visit www.novozymes.com

Novozymes A/S
Krogshøjvej 36
2880 Bagsvaerd
Denmark

Laws, regulations and/or third party rights may prevent customers from importing, using, processing and/or reselling the products described herein in a given manner. Without separate, written agreement between the customer and Novozymes to such effect, this document does not constitute a representation or warranty of any kind and is subject to change without further notice.

novozymes.com