



## Medley Core 200 L

In this product the key enzyme activity is provided by

endo-amylase that hydrolyzes (1,4)-alpha-D-glucosidic linkages in starch polysaccharides  
serine endoprotease that hydrolyzes internal peptide bonds

### PRODUCT CHARACTERISTICS/PROPERTIES

|                |                              |
|----------------|------------------------------|
| Component name | Protease (Subtilisin)        |
| Activity       | Alpha-amylase<br>80 PRMU-U/g |
| Color          | Amber                        |
| Physical form  | Liquid                       |
| Properties     | Semi transparent             |
| Odor           | Slight fermentation odor     |

### PRODUCT SPECIFICATION

|                        | Lower Limit | Upper Limit | Unit |
|------------------------|-------------|-------------|------|
| Protease Unit PRMU-U   | 80          |             | /g   |
| pH at 25°C             | 5.2         | 5.8         |      |
| Density                | 1.0         | 1.3         | g/ml |
| Viscosity at 25°C      | -           | 100         | cps  |
| Absorbance det. 440 nm | -           | 2.5         |      |
| Total viable count     | -           | 10000       | /g   |

### FORMULATION

| Formulation Ingredients              | Composition(w/w) |
|--------------------------------------|------------------|
| Propylene glycol, CAS no. 57-55-6    | 10-50            |
| Water, CAS no. 7732-18-5             | 10-50            |
| Glycerol, CAS no. 56-81-5            | 10-50            |
| 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 and the enzyme effectiveness are improved by means of modern biotechnology.

### 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](http://www.novozymes.com).



### PACKAGING

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