



MALT α -AMYLASE / β -AMYLASE STANDARD (Lot 70305a)

E-MAST

12/18

E-MAST is a malt extract in which the levels of α -amylase and β -amylase have been standardised. The preparation is designed for use as a standard in the determination of α -amylase and dextrinising power USING SKALAR Continuous Flow Analyser Equipment and Megazyme β -Limit Dextrin (**P-BLDX**).

I. KEY ACTIVITIES:

| Enzyme | Specific Activity (U/mL) |
|--------------------------------------|-----------------------------|
| α -Amylase (Ceralpha reagent) | 750 |
| β -Amylase (Betamyl reagent) | 5,700 |
| β -Amylase (Betamyl-3 reagent) | 98 |

2. PREPARATION FOR USE:

Using a positive displacement dispenser, add 2 mL of the preparation to 98 mL of 0.5% NaCl and mix thoroughly. Store cool and use on the day of preparation.

3. STORAGE CONDITIONS:

The enzyme is supplied as a stabilised liquid in 50% (v/v) glycerol and should be stored at 4°C or below -10°C for longer periods.