



DATE: 1-3-2006

DETERMINATION OF α -AMYLASE (Ceralpha Method)

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Reagent blank = 0.030 (zeroed on spec)

Sample	Absorbance values (400 nm)	Average absorbance (400 nm)	α-Amylase Activity Units (CU)/g
1 Control Malt Flour (lot 80501; 340 U/g)	0.915 / 0.920 / 0.925	0.920	345.92
2 Control Malt Flour (lot 80501; 340 U/g)	0.927 / 0.925 / 0.930	0.92734	348.67

For Wheat and Barley samples: Units (CU)/g flour = $\Delta E \times 0.313$Megazyme booklet (Pg. 9)

For Malt Samples: Units (CU)/g flour = $\Delta E \times 376$ Megazyme booklet (Pg. 10)

For microbial preparations: Units (CU)/g flour = $\Delta E \times 4.7 \times \text{Dilution}$ Megazyme booklet (Pg. 10)

Comments:.....

