

Megazyme

TOTAL DIETARY FIBRE CONTROLS KIT

K-TDFC 08/02



Total Dietary Fibre Controls:

1.	β -Glucan (barley);	1 gram;	TDF 99.9 %.
2.	High Amylose Maize Starch (native);	10 grams;	TDF 29.3 %.
3.	Wheat Starch;	10 grams;	TDF 0 %.
4.	Casein;	5 grams;	TDF 0 %.
5.	Pectin;	1 gram;	TDF 86.5 %
6.	Larch Galactan;	1 gram;	TDF 83.5 %.

NOTE:

AOAC Procedure 985.29 states that for pectin and larch galactan, the recovery of TDF is 100 %. This relates to the fact that the recovery of these polysaccharides in the standard TDF assay (i.e. with enzymes) is exactly the same as that obtained in the assay when enzymes are not included. The actual recoveries of these two polysaccharides are as shown above. The less than 100 % recovery is not due to contaminating enzyme activities in the α -amylase, amyloglucosidase or protease used in the assay procedure, but simply due to losses in the precipitation and recovery steps.



**Megazyme International Ireland,
Bray Business Park, Bray,
Co. Wicklow,
IRELAND**

Telephone: (353.1) 286 1220

Facsimile: (353.1) 286 1264

Internet: www.megazyme.com

E-Mail: info@megazyme.com

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