

# Megazyme

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## TOTAL DIETARY FIBRE CONTROLS KIT

K-TDFC 08/20



## Total Dietary Fibre Controls:

Test sample	Quantity supplied (g)	Activity tested	Sample weight (g)	Expected recovery (%)		
				AOAC 985.29 991.43	AOAC 2009.01	AOAC 2017.16
$\beta$ -glucan	1	$\beta$ -glucanase (cellulase) <sup>a</sup>	0.1	95-100	95-100	95-100
High Amylose Maize Starch (Hylon VII) <sup>d</sup>	10	$\alpha$ -Amylase	1.0	22	41	56
Wheat starch	10	$\alpha$ -Amylase <sup>b</sup>	1.0	0-1	0-1	0-1
Casein	5	Protease <sup>b</sup>	0.3	0-2	0-2	0-2
Pectin	1	Pectinase <sup>a,c</sup>	0.1	~87	~87	~87
Larch Galactan	1	Pectinase <sup>a,c</sup>	0.1	~86	~84	~86

<sup>a</sup> This activity should not be present in the tests.

<sup>b</sup> This activity should be fully functional in the tests.

<sup>c</sup> Low values are mainly due to the moisture content of samples. Similar values are obtained with AOAC Method 991.43 even with no enzymes in the incubations.

<sup>d</sup> This material contains a high level of "enzyme resistant" starch.



**Bray Business Park, Bray,  
Co. Wicklow,  
IRELAND.**

**Telephone: (353.1) 286 1220  
Facsimile: (353.1) 286 1264  
Internet: [www.megazyme.com](http://www.megazyme.com)  
E-Mail: [info@megazyme.com](mailto:info@megazyme.com)**

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