

# Schedule of Accreditation

issued by

## United Kingdom Accreditation Service

21 - 47 High Street, Feltham, Middlesex, TW13 4UN, UK



1569

Accredited to  
ISO/IEC 17025:2005

### Weetabix Limited

Issue No: 043 Issue date: 16 April 2012

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Testing performed at the above address only

#### DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
FOODS  Cereals, cereal products, raw materials and component ingredients, including breakfast cereals and cereal bars - where relevant specific scope of matrices is defined in individual methods	<u>Chemical Tests</u>  Aflatoxins B <sub>1</sub> , B <sub>2</sub> , G <sub>1</sub> and G <sub>2</sub>  Acrylamide  Ash  Dietary Fibre (Total, Soluble and Insoluble by difference)  Fat  Fats - saturated, mono and poly unsaturated  Iron  Moisture  Ochratoxin A	Documented In-House Procedures:  A059 using immunoaffinity clean-up and HPLC separation with fluorescence detection  A036 using GC/MS-MS  A005  A019 based on AOAC 991.43 1992  A002 by acid hydrolysis using Soxtec semi-automated equipment  A024 by GC/FID following extraction using A002  A008 using microwave digestion and Dionex Ion Chromatography detection  A043 using air oven  A074 using immunoaffinity clean-up and HPLC separation with fluorescence detection



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<p>FOODS (cont'd)</p> <p>Cereals, cereal products, raw materials and component ingredients, including breakfast cereals and cereal bars - where relevant specific scope of matrices is defined in individual methods (cont'd)</p>	<p><u>Chemical Tests</u> (cont'd)</p> <p>Organophosphorus Pesticide Residues: Chlorpropham Chlorpyrifos Chlorpyrifos-methyl Diazinon Endosulfan-alpha Etrimfos Kresoxim-methyl Lindane Malathion Primiphos-methyl Procymidone Trifloxystrobin</p> <p>Sugars (glucose, fructose, lactose, sucrose and maltose)</p> <p>Thiamine (Vitamin B1) (0.1 mg - 100 g/100g)</p> <p>Riboflavin (Vitamin B2) (0.1 mg - 100g/100g)</p> <p>Deoxynivalenol (DON)</p> <p>Zearalenone (ZON)</p> <p>Sodium, potassium, magnesium and calcium</p>	<p>A066 using GC-MS/MS</p> <p>A082 using Dionex Ion Chromatography</p> <p>A090 by fluorescence spectrophotometry</p> <p>A092 using microwave digestion, enzyme clean-up and HPLC separation with fluorescence detection</p> <p>A051 using ELISA (Veratox DON HS Test Kit from Neogen)</p> <p>A132 using ELISA (Veratox ZON Test Kit from Neogen)</p> <p>A050 using Dionex Ion Exchange Chromatography following microwave sample digestion</p>
<p>FOODS</p> <p>Cereals, cereal products, raw materials and component ingredients, including breakfast cereals and cereal bars - where relevant specific scope of matrices is defined in individual methods</p>	<p><u>Microbiological Tests</u></p> <p>Enumeration of:</p> <p><i>Bacillus cereus</i> (presumptive)</p>	<p>Documented In-House Procedures:</p> <p>M016 using spiral plater and <i>Bacillus cereus</i> selective agar (MYP/PREP formulation), incubated at 37 °C for 24 hr</p>



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FOODS (cont'd)	<u>Microbiological Tests</u> (cont'd)	Documented In-House Procedures:
	Enumeration of: (cont'd)	
	Enterobacteriaceae (presumptive)	M015 using spiral plater followed by overlayer and VRBGA media incubated at 37 °C
	Faecal Streptococci (presumptive)	M014 using spiral plater and KAA media or KFS agar for oats and oat containing products incubated at 37 °C
	<i>Listeria monocytogenes</i>	M037 using enrichment in Buffered Peptone water, selective plating on RAPID'L.mono and Brilliance Listeria chromogenic agars and biochemical confirmation
	Mesophilic aerobic plate count	M003 using spiral plater and PCA with added TTC incubated for 48 hrs at 30 °C
	Yeasts and Moulds	M010 using spiral plater and OGYE media
	Detection of:	
<i>Escherichia coli</i>	M008 using enrichment culture in McConkey Broth Purple and confirmation on TBX chromogenic agar	
<i>Listeria monocytogenes</i>	M037 using enrichment in demi-Fraser broth, selective plating on RAPID'L.mono and Brilliance Listeria chromogenic agars and biochemical confirmation	



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Cereals, cereal products, raw materials and component ingredients, including breakfast cereals and cereal bars - where relevant specific scope of matrices is defined in individual methods	<u>Molecular Biology tests</u>  Detection of:  Salmonella species DNA	Documented In-House Procedure:  M036 using enrichment culture, Pathatrix Auto immuno-concentration and Idaho real-time Lightcycler PCR Exor 4 version on single or pooled (maximum of 10) samples
END		