

# Schedule of Accreditation

issued by

## United Kingdom Accreditation Service

2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK



4134

Accredited to  
ISO/IEC 17025:2017

### H. J. Heinz Foods UK Limited

Issue No: 029 Issue date: 21 July 2021

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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
FOOD and FOOD PRODUCTS (specified as required)	<u>Sensory Analysis</u>	Documented In-House Methods identified by method number
Food and Food Products including Beverages (customer specific products)	Shelf life monitoring of odour, flavour, colour appearance and texture	Techniques using WI-S-4 using sensory analysis
Food and Food Products	<u>Chemical Tests</u>	
	Acidity	A-02-03-C-MET using autotitrator
	Ash	A-01-01-C-MET using a muffle furnace
	Chloride, Sodium and Salt (as sodium chloride)	S-01-03-C-MET using autotitrator
	Dietary fibre	F-02-01-C-MET by AOAC procedure using Fibertec E system
	Fat	1) F-01-01-C-MET using Werner Schmid procedure 2) F-01-02-C-MET using Soxtec
	Moisture/total solids	M-01-01-C-MET using air oven or vacuum oven
	Nitrogen crude protein	P-02-02-C-MET by Dumas method using LECO Total Nitrogen Analyser
	Sugar (total invert)	S-02-01-C-MET
Fruit/vegetable juices and products	Brix	B-01-02-C-MET



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<p>FOOD and FOOD PRODUCTS (cont'd)</p> <p>Meat, vegetables, Milk powders, Babyfood and water</p> <p>Infant and Adult Formulas and Canned Products</p>	<p><u>Chemical Tests</u> (cont'd)</p> <p>Nitrate and nitrite</p> <p>Metals: Cadmium Calcium Copper Iron Lead Magnesium Manganese Phosphorus Potassium Sodium and Salt (as sodium chloride) Zinc Tin</p>	<p>Documented In-House Methods identified by method number</p> <p>N-01-01-C-MET by HPLC with UV-VIS detector</p> <p>E-03-01-C-MET by ICP-OES</p>
Fortified Milk Products	Retinol (Vitamin A) and Alpha-tocopherol (Vitamin E)	V-01-02-C-MET by HPLC Fluorescence detection
Fortified Food Products	Thiamine hydrochloride (Vitamin B1) and Riboflavin (Vitamin B2)	V-01-04-C-MET by HPLC Fluorescence detection
FOOD AND FOOD PRODUCTS (including infant feeding products, milk powders and fruit juices)	Total Vitamin C	V-01-01-C-MET by HPLC with UV detection
High carbohydrate, high cooking temperature foodstuffs (including rusks, potato crisps, bread, breakfast cereals, biscuits, oven chips and processed cereal based foods)	Acrylamide	A-04-01-C-MET
Infant Feeding Products, Raw Materials and Finished Foodstuffs	<p><u>Residual Allergens:</u></p> <p>Soy residue Casein Egg white protein Gluten</p>	<p>S-05-01-C-MET using ELISA C-02-01-C-MET using ELISA E-02-01-C-MET using ELISA G-02-02-C-MET using ELISA – Ridascreen Gliadin Assay Kit (R5 Enzyme based)</p>



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<p>FOOD and FOOD PRODUCTS (cont'd)</p> <p>Infant feeding products, raw materials and finished food products</p>	<p><u>Chemical Tests</u> (cont'd)</p> <p>Pesticide residue detection, quantification and confirmation: Chlormequat Mepiquat</p> <p>Pesticide residue detection, quantification and confirmation for ethylenebisdithiocarbamates fungicides based on ethylenethiourea (ETU) and propylenethiourea (PTU)</p> <p>Pesticide residue detection, quantification and confirmation; See appendix 1 for residues covered</p> <p>Detection, quantification and confirmation of pesticide residues, using flexible scope protocol WI-A-37 GC MS/MS or LC MS/MS not covered by P-03-18-C-MET</p>	<p>Documented In-House Methods identified by method number</p> <p>P-03-16-C-MET using QuEChERS extraction and LC-MS-MS identification and quantification</p> <p>P-03-17-C-MET using organic solvent extraction and LC-MS-MS identification and quantification</p> <p>P-03-18-C-MET using dispersive solid phase extraction (QuEChERS) and LC-MS-MS and GC-MS-MS identification and quantification</p> <p>Methods developed and validated following the flexible scope protocol WI-A-37 and P-03-18-C-MET</p>
<p>Sauces, condiments, drinks, milks, creams and liquid ingredients (excluding oils)</p>	<p><u>Physical Tests</u></p> <p>pH</p> <p>Density</p>	<p>P-01-02-C-MET</p> <p>D-02-01-MET</p>
<p>Canned Products</p>	<p><u>Calculated Values</u></p> <p>Carbohydrate</p> <p>Energy values</p> <p>Drained weight and drained washed weight</p>	<p>C-01-01-C-MET</p> <p>E-01-01-C-MET</p> <p>D-01-01-C-MET</p>



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FOOD and FOOD PRODUCTS (including infant food, raw materials, intermediates and finished products)	<u>Microbiological Tests</u>	Documented In-House Method identified by method number
	Detection of:	
	Listeria spp	L-01-05-M-MET by VIDAS UP confirmation according to L-01-03-M-MET using BioMerieux API Listeria
	<i>Salmonella</i> spp	S-02-05-M-MET by Vidas UP Salmonella (SPT) Confirmation using Biomerieux API 20E and Serology
	Enumeration of:	
	Total aerobic colony count at 30°C	T-01-01-M-MET based on ISO 4833-1:2013
	<i>Bacillus cereus</i> (presumptive)	B-02-02-M-MET using chromogenic Bacillus cereus medium
	<i>Clostridium perfringens</i> (presumptive)	C-01-01-M-MET based on BS ISO 7937:2004
	Coagulase positive staphylococci including <i>Staphylococcus aureus</i> and other species (confirmed)	1) T-05-01-M-MET by BioMérieux TEMPO automative system  2) S-01-02-M-MET using 3M Petrifilm based on AOAC 2003.07, 2003.08 and 2003.11
	Coliforms	C-03-01-M-MET based on BS-ISO 4832:2006
Coliforms (presumptive and confirmed)	E-01-02-M-MET USING 3M Petrifilm based on AOAC 991.14	
<i>E coli</i> beta-glucuronidase-positive (presumptive and confirmed)	E-01-02-M-MET using 3M Petrifilm based on AOAC 991.14	
Enterobacteriaceae, confirmed	E-02-01-M-MET in-house method by VRBGA pour plate and glucose agar confirmation	



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<p>FOOD and FOOD PRODUCTS - raw materials, intermediates and finished products (cont'd)</p> <p>(excluding dairy-based products)</p> <p>(excluding dairy-based products)</p>	<p><u>Microbiological Tests</u> (cont'd)</p> <p>Enumeration of:</p> <p>Lactic Acid Bacteria including identification</p> <p>Lactic Acid Bacteria</p> <p>Yeasts and Moulds</p> <p>Yeasts and Moulds, including identification of yeasts</p>	<p>Documented In-House Method:</p> <p>L-02-01-M-MET based on BS-ISO 15214:1998 with identification by morphology and BioMérieux API 50CHL</p> <p>T-05-01-M-MET by BioMérieux TEMPO automative system</p> <p>T-05-01-M-MET by TEMPO BioMérieux automative system</p> <p>Y-01-01-M-MET using OGYE agar by pour plate incubated at 25°C for 5 days, with yeasts identified by morphology and BioMérieux API ID32C</p>
ENVIRONMENTAL SAMPLES	<p>Detection of:</p> <p><i>Listeria</i> spp</p> <p><i>Salmonella</i> spp</p> <p>Enumeration of:</p> <p>Total aerobic colony count at 30°C</p> <p>Lactic Acid Bacteria</p> <p>Yeasts and Moulds</p>	<p>L-01-05-M-MET by VIDAS UP confirmation according to L-01-03-M-MET using BioMerieux API Listeria</p> <p>S-02-05-M-MET by Vidas UP Salmonella (SPT) Confirmation using Biomerieux API 20E and Serology</p> <p>T-01-01-M-MET based on ISO 4833-1:2013</p> <p>1) T-05-01-M-MET by BioMérieux TEMPO automative system</p> <p>2) L-02-01-M-MET based BS-ISO 15214:1998 with identification by morphology and BioMérieux API 50CHL</p> <p>T-05-01-M-MET by BioMérieux TEMPO automative system</p>



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<p>WATERS</p> <p>Potable and Process Waters</p> <p>Potable Waters</p>	<p><u>Microbiological Tests</u></p> <p>Enumeration of:</p> <p>Heterotrophic bacteria at 22°C and 37°C</p> <p>Detection of:</p> <p><i>E.coli</i> and Coliforms</p>	<p>Documented In-House Method:</p> <p>T-01-03-M-MET based on The Microbiology of Drinking Water (2012) Part 7</p> <p>E-01-03-M-MET using IDEXX Colilert nutrient indicator substrate</p>
<p>END</p>		



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Appendix 1:

Pesticides in infant feeding products, raw materials, and finished food products using P-03-18-C-MET using LC-MS-MS and GC-MS-MS		
2-Phenylphenol	3-Hydroxy Carbofuran	Acephate
Acetamiprid	Acetochlor	Acrinathrin
Alachlor	Aldicarb	Aldicarb sulfoxide
Aldicarb sulphone	Aldrin	Allidochlor
Ametryn	Ametryn	Aminocarb
Anthraquinone	Asulam	Atrazine
Azinphos-ethyl	Azoxystrobin	Benalaxyl
Bendiocarb	Benfluralin	Bensulide
Benthiocarb	Benzoximate	BHC-alpha
BHC-beta	BHC-delta	BHC-gamma
Bifenazate	Bifenthrin	Biphenyl
Bitertanol	Boscalid	Bromfenvinfos
Bromfenvinfos-methyl	Bromophos	Bromophos-ethyl
Bromopropylate	Bromuconazole 1	Bromuconazole 2
Bupirimate	Buprofezin	Butafenacil
Butocarboxim-sulfoxide	Butoxycarboxim	Carbaryl
Carbendazim	Carbetamide	Carbofuran
Carbophenothion	Carboxin	Carfentrazone-ethyl
Chlorantraniprole	Chlorbenside	Chlordane-cis
Chlordane-trans	Chlorfenson	Chlorfenvinphos
Chlorobenzilate	Chlorotoluron	Chloroxuron
Chlorpropham	Chlorpyrifos	Chlorpyrifos-methyl
Chlorthiophos	Chlozolinate	Clofentezine



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Clomazone	Clothianidin	Coumaphos
Cycloate	Cyazofamid	Difenocarb
Cycluron	Cyhalothrin (Lambda)	Cymoxanil
Cyproconazole 1	Cyproconazole 2	Cyprodinil
Cyromazine	Cyromazine	DCPA
DDD-o,p'	DDD-p,p'	DDE-o,p'
DDE-p,p'	DDT-o,p'	DDT-p,p'
Deltamethrin	Demeton-S-Methyl	Demeton-S-methyl sulfone
Demeton-S-methyl sulphoxide	Desmedipham	Diallate 1
Diallate 2	Diazinon	Dichloroaniline 3,4-
Dichlorobenzonitrile, 2,6-	Dichlorobenzophenone, 4,4'-	Diclobutrazol
Dieldrin	Diethofencarb	Difenoconazol
Diflubenzuron	Dimethachlor	Dimethoate
Dimethomorph 1	Dimethomorph 2	Dimoxystrobin
Diniconazole	Dioxacarb	Diphenamid
Diphenylamine	Diuron	Dodine
Edifenphos	Endosulfan ether	Endosulfan I
Endosulfan II	Endosulfan sulfate	Endrin
Endrin ketone	EPN	Epoxiconazole
Etaconazole 1	Etaconazole 2	Ethalfuralin
Ethiofencarb	Ethiofencarb sulfone	Ethiofencarb sulfoxide
Ethion	Ethiprole	Ethofenprox
Ethofumesate	Ethylan	Etoxazole
Etridiazole	Famoxadone	Fenamidone





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Fenamiphos	Fenamiphos-sulfone	Fenamiphos-sulfoxide
Fenarimol	Fenazaquin	Fenhexamid
Fenitrothion	Fenobucarb	Fenoxycarb
Fenpropathrin	Fenpropimorph	Fenpyroximate
Fenson	Fenthion	Fenuron
Fenvalerate 1	Fenvalerate 2	Fipronil
Fipronil Sulfone	Fipronil Sulphide	Flonicamid
Fluazifop-p-butyl	Fluchloralin	Flucythrinate 1
Flucythrinate 2	Fludioxonil	Flufenacet
Flufenoxuron	Fluometuron	Fluopicolide
Fluoxastrobin	Fluquinconazole	Flusilazole
Flutolanil	Flutriafol	Fonofos
Formetanate	Fosthiazate	Furalaxyl
Furathiocarb	Furmecyclox	Heptachlor
Heptachlor exo-epoxide	Hexachlorobenzene	Hexaconazole
Hexazinone	Hexythiazox	Hydramethylnon
Imazalil	Imidacloprid	Indoxacarb
Iodofenphos	Ipconazole	Ipconazole
Iprodione	Iprovalicarb	Isazofos
Isocarbophos	Isodrin	Isoprocarb
Isoprocarb	Isopropalin	Isoproturon
Isoxaben	Kresoxim-methyl	Leptophos
Linuron	Linuron-D6	Lufenuron
Malathion	Mandipropamid	Mefenacet



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Mepanipyrim	Mepronil	Metalaxyl
Metazachlor	Metconazole	Methabenzthiazuron
Methacrifos	Methamidophos	Methiocarb
Methiocarb sulfone	Methiocarb sulfoxide	Methomyl
Methoprotryne	Methoxychlor olefin	Methoxychlor, o,p'-
Methoxychlor, p,p'-	Methoxyfenozide	Metobromuron
Metolachlor	Metolcarb	Metribuzin
Mevinphos	Mevinphos 1	Mevinphos 2
Mexacarbate	MGK-264	Mirex
Moxidectin	Myclobutanil	Neburon
Nitralin	Nitrofen	Nonachlor, cis-
Nonachlor, trans-	Norflurazon	Nuarimol
Oxadiazon	Oxadixyl	Oxamyl
Oxyfluorfen	Paclobutrazol	Paraoxon-ethyl
Paraoxon-methyl	Parathion	Parathion-methyl
Pebulate	Penconazole	Pencycuron
Pendimethalin	Pentachloroaniline	Pentachloroanisole
Pentachlorobenzene	Pentachlorobenzonitrile	Pentachloronitrobenzene
Pentachlorothioanisole	Permethrin, cis-	Permethrin, trans-
Phenothrin	Phorate	Phosalone
Phosmet	Phoxim	Picoxystrobin I
Piperonyl butoxide	Pirimicarb-desmethyl	Pirimiphos-ethyl
Pirimiphos-methyl	Prochloraz	Procymidone
Prodiamine	Profenofos	Profluralin



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Promecarb	Prometon	Prometryn
Propachlor	Propamocarb	Propargite
Propiconazole	Propisochlor	Propyzamide
Prothiofos	Pymetrozine	Pyracarbolid
Pyraclufos	Pyraclostrobin	Pyrazophos
Pyridaben	Pyridaphenthion	Pyriproxyfen
Quinalphos	Quinoxifen	Rimsulfuron
Ronnel	Rotenone	Secbumeton
Siduron	Simetryn	Spinosad A
Spinosad D	Spiroclufen	Spiromesifen
Spirotetramat	Spiroxamine A	Spiroxamine B
Sulfotep	Sulprofos	Tebuconazole
Tebufenpyrad	Tebuthiuron	Tecnazene
Tefluthrin	Temephos	Tepraloxydim
Terbufos	Terbumeton	Terbuthylazine
Terbutryn	Tetrachloroaniline 2,3,5,6-	Tetrachlorvinphos
Tetraconazole	Tetradifon	Tetramethrin
Thiabendazole	Thiacloprid	Thiamethoxam
Thidiazuron	Thiobencarb	Thiophanate-ethyl
Thiophanate-methyl	Tolclofos-methyl	Transfluthrin
Triadimefon	Triadimenol	Triallate
Triazophos	Trichlorfon	Tricyclazole
Trifloxystrobin	Triflumizole	Trifluralin
Vinclozolin	Zoxamide	