

# Accreditation Certificate

## The Concentrate Manufacturing Company of Ireland

PepsiCo, Little Island Business Park, Cork.

**Testing Laboratory**

**Registration number: 268T**

is accredited by the Irish National Accreditation Board (INAB) to undertake testing as detailed in the Schedule bearing the Registration Number detailed above, in compliance with the International Standard ISO/IEC 17025:2005 2<sup>nd</sup> Edition "General Requirements for the Competence of Testing and Calibration Laboratories"  
*(This Certificate must be read in conjunction with the Annexed Schedule of Accreditation)*

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Date of award of accreditation: 07:09:2010

Date of last renewal of accreditation: 07:09:2010

Expiry date of this certificate of accreditation: 07:09:2015

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This Accreditation shall remain in force until further notice subject to continuing compliance with INAB accreditation criteria, ISO/IEC 17025 and any further requirements specified by the Irish National Accreditation Board.

Manager: 

Dr Adrienne Duff

Chairperson: 

Mr Tom O'Neill

Issued on 07 September 2010

Organisations are subject to annual surveillance and are re-assessed every five years. The renewal date on this Certificate confirms the latest date of renewal of accreditation. To confirm the validity of this Certificate, please contact the Irish National Accreditation Board.

The INAB is a signatory of the European co-operation for Accreditation (EA) Testing Multilateral Agreement (MLA) and the International Laboratory Accreditation Cooperation (ILAC) Mutual Recognition Arrangement.

# Schedule of Accreditation



(Annex to Accreditation Certificate)

Permanent Laboratory:  
Category A

## THE CONCENTRATE MANUFACTURING COMPANY OF IRELAND

### Ireland Quality & Technical Services Laboratory

#### Chemical & Biological Testing Laboratory

*Initial Registration Date :* 7-September-2010  
*Postal Address:* PepsiCo  
*(Address of other locations as they apply)* Little Island Business Park  
Cork  
*Telephone:* +353 (21) 4523100  
*Fax:* +353 (21) 4353926  
*E-mail:*  
*Contact Name:* Aisling Yeates  
*Facilities:* Normally not available for Public testing

# Schedule of Accreditation



THE IRISH NATIONAL ACCREDITATION BOARD (INAB) is the Irish body for the accreditation of organisations including laboratories.

Laboratory accreditation is available to testing and calibration facilities operated by manufacturing organisations, government departments, educational institutions and commercial testing/calibration services. Indeed, any organisation involved in testing, measurement or calibration in any area of technology can seek accreditation for the work it is undertaking.

Each accredited laboratory has been assessed by skilled specialist assessors and found to meet criteria which are in compliance with ISO/IEC 17025 or ISO/IEC 15189 (medical laboratories). Frequent audits, together with periodic inter-laboratory test programmes, ensure that these standards of operation are maintained.

## Testing and Calibration Categories:

- Category A:** Permanent laboratory calibration and testing where the laboratory is erected on a fixed location for a period expected to be greater than three years.
- Category B:** Site calibration and testing that is performed by staff sent out on site by a permanent laboratory that is accredited by the Irish National Accreditation Board.
- Category C:** Site calibration and testing that is performed in a site/mobile laboratory or by staff sent out by such a laboratory, the operation of which is the responsibility of a permanent laboratory accredited by the Irish National Accreditation Board.
- Category D:** Site calibration and testing that is performed on site by individuals and organisations that do not have a permanent calibration/testing laboratory. Testing may be performed using
- (a) portable test equipment
  - (b) a site laboratory
  - (c) a mobile laboratory or
  - (d) equipment from a mobile or site laboratory

## Standard Specification or Test Procedure Used:

The standard specification or test procedure that is accredited is the issue that is current on the date of the most recent visit, unless otherwise stated.

## Glossary of Terms

### Facilities:

- Public calibration/testing service:** Commercial operations which actively seek work from others.
- Conditionally available for public calibration/testing:** Established for another primary purpose but, more commonly than not, is available for outside work.
- Normally not available for public calibration/testing:** Unavailable for public calibration/testing more often than not.

Laboratory users wishing to obtain assurance that calibration or test results are reliable and carried out to the Irish National Accreditation Board criteria should insist on receiving an accredited calibration certificate or test report. Users should contact the laboratory directly to ensure that this scope of accreditation is current. INAB will, on request, verify the status and scope.

# Scope of Accreditation



Permanent Laboratory:  
Category A

## The Concentrate Manufacturing Company of Ireland Chemical Testing Laboratory - Quality & Technical Services Laboratory

INAB Classification number (P9)	Materials/products tested	Type of test/properties measured	Range of measurement	Standard specifications	Equipment/techniques used
766	Waters	Antimony	1-250ppb	CK PQPW1.31	
		Arsenic	1-250ppb		Determination of Trace Elements in Water Samples using ICPMS.
.99	Other Waters	Barium	70-250ppb		(In-house method based on EPA Method 200.8)
	Bottled water	Cadmium	1-250ppb		
	Ingredient water	Chromium	5-250ppb		
		Lead	1-250ppb		
		Molybdenum	5-250ppb		
		Nickel	5-250ppb		
		Selenium	1-250ppb	CK PQPW1.3	
		Uranium	1-250ppb		Determination of Anions in Water Samples using Ion Chromatography. (In-house method based on EPA Method 300.1)
		Mercury	0.2-2ppb		
		Chlorate	0.1-.50ppm		
		Chlorite	0.1-.50ppm		
		Fluoride	0.5-.50ppm		
		Nitrate	0.5-.100ppm		
		Nitrite	0.1-.50ppm		
		Bromate	0.5-.100ppm	CK PQPW1.2	Determination of Trace Level bromate in Water Samples using Ion Chromatography (in-house method based on EPA Method 326.0)

# Scope of Accreditation



Permanent Laboratory:  
Category A

## The Concentrate Manufacturing Company of Ireland Chemical Testing Laboratory - Quality & Technical Services Laboratory

INAB Classification number (P9)	Materials/products tested	Type of test/properties measured Range of measurement	Standard specifications Equipment/techniques used
766	Waters	Bromodichloromethane	CK POPW1.20
.99	Other waters	5-200ppb	Determination of VOC's in Water
	Bottled water	Bromoform 5-200ppb	Samples using GC-MS. (in house method based on EPA method 524.3)
	Ingredient water	Chloroform 5-200ppb	
		Dibromochloromethane 5-200ppb	
		Total THM's: - sum of above.	
		1,2-Dibromo-3-chloropropane 1-40ppb	
		1,2-Dichlorobenzene 0.5-40ppb	
		1,2-Dichloropropane 0.5-40ppb	
		1,4-Dichlorobenzene 0.5-40ppb	
		1,2-Dichloroethane 0.5-40ppb	
		Benzene 0.5-40ppb	
		Carbon Tetrachloride 1-40ppb	
		Ethylbenzene 5-40ppb	
		Hexachlorobutadiene 05.-40ppb	
		Methylene-chloride/ Dichloromethane 1-40ppb	
		Styrene 1-40ppb	
		Tetrachloroethene 0.5-40ppb	
	Toluene 5-40ppb		

# Scope of Accreditation



Permanent Laboratory:  
Category A

## The Concentrate Manufacturing Company of Ireland Chemical Testing Laboratory - Quality & Technical Services Laboratory

INAB Classification number (P9) Materials/products tested	Type of test/properties measured Range of measurement	Standard specifications Equipment/techniques used
766 Waters .99 Other waters Bottled water Ingredient water	Cis 1,2-Dichloroethene 5-40ppb Trans 1,2-Dichloroethene 5-40ppb total cis & trans-1,2-dichloroethene (sum of cis & trans-1,2-dichloroethene) o-xylene 5-40ppb m,p xylene 5-40ppb Total xylenes (sum of o,m,p xylenes) Trichloroethene 0.5-40ppb Vinyl Chloride 0.25-40ppb 1,2 Dibromoethane 0.4-40ppb	

# Scope of Accreditation



Permanent Laboratory:  
Category A

## The Concentrate Manufacturing Company of Ireland Biological Testing Laboratory - Quality & Technical Services Laboratory

INAB Classification number (P9) Materials/products tested	Type of test/properties measured Range of measurement	Standard specifications Equipment/techniques used
870 Waters .11 Bacteriological condition of potable waters  - Bottled waters	Total Coliforms and E-Coli Detection and Enumeration	PMP9.11 Total Coliform and <i>Escherichia coli</i> in bottled Water by Membrane Filtration using Simultaneous Detection Technique. (In-house method based on EPA method 1604: Total Coliforms and <i>Escherichia coli</i> in Water by Membrane Filtration Using a Simultaneous Detection technique (MI Medium))
	<i>Pseudomonas aeruginosa</i> Detection and Enumeration	PMP9.7 Detection and Enumeration of <i>Pseudomonas aeruginosa</i> in Bottled Water (in-house method based on ISO:16266:2006: Water Quality - Detection and enumeration of <i>Pseudomonas aeruginosa</i> - method by membrane filtration)
870 Waters		

# Scope of Accreditation



Permanent Laboratory:  
Category A

The Concentrate Manufacturing  
Company of Ireland  
Biological Testing Laboratory - Quality &  
Technical Services Laboratory

INAB Classification number (P9) Materials/products tested	Type of test/properties measured Range of measurement	Standard specifications Equipment/techniques used
.11 Bacteriological condition of potable waters  - Bottled waters	Faecal Streptococci Detection and Enumeration	PMP9.8 Detection and Enumeration of <i>Faecal Streptococci</i> in bottled Water (In-house method based on ISO 7899-2:2000: Water Quality - Detection and enumeration of intestinal enterococci - Part 2: Membrane Filtration method)