



**Megazyme International Ireland Limited,**  
Bray Business Park,  
Bray, Co. Wicklow,  
Ireland.  
Tel: + 353 1 2861220 Fax: + 353 1 2861264

## Certificate of Analysis

**Product:** D-Fructose/D-Glucose Assay Kit  
**Cat. No:** K-FRUGL  
**Lot. No:** 111113  
**Expiry Date:** December, 2014

Bottle 1 90601  
Bottle 2 110902  
Bottle 3 90601  
Bottle 4 90501c  
Bottle 5 110105

Test	Specification	Result
Assay performance	Reaction completed within time stated in kit booklet	Corresponds
	Target value for recommended standard material +/- 2 %	Corresponds
Blank reaction absorbance	+/- 10 % of mean blank value	Corresponds

This lot meets our specification.

**Signature:** 

**Date:** 24/11/2011

Vincent McKie  
Quality Control Manager

*(as this certificate is a computer printout, it has not been signed or dated by hand)*



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## Certificate of Analysis

**Product:** D-Fructose/D-Glucose Assay Kit  
**Cat. No:** K-FRUGL  
**Lot. No:** 110520  
**Expiry Date:** December, 2014

Test	Specification	Result
Assay performance	Reaction completed within time stated in kit booklet	Corresponds
	Target value for recommended standard material +/- 2 %	Corresponds
Blank reaction absorbance	+/- 10 % of mean blank value	Corresponds

This lot meets our specification.

**Signature:** 

**Date:** 20/05/2011

Vincent M<sup>c</sup>Kie  
Quality Control Manager

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## Certificate of Analysis

**Product:** D-Fructose/D-Glucose Assay Kit  
**Cat. No:** K-FRUGL  
**Lot. No:** 110503  
**Expiry Date:** December, 2013

Test	Specification	Result
Assay performance	Reaction completed within time stated in kit booklet	Corresponds
	Target value for recommended standard material +/- 2 %	Corresponds
Blank reaction absorbance	+/- 10 % of mean blank value	Corresponds

This lot meets our specification.

**Signature:**

Vincent McKie

**Date:** 13/05/2011

Vincent M<sup>c</sup>Kie  
Quality Control Manager

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## Certificate of Analysis

**Product:** D-Fructose/D-Glucose Assay Kit  
**Cat. No:** K-FRUGL  
**Lot. No:** 91010  
**Expiry Date:** December, 2013

Test	Specification	Result
Assay performance	Reaction completed within time stated in kit booklet	Corresponds
	Target value for recommended standard material +/- 2 %	Corresponds
Blank reaction absorbance	+/- 10 % of mean blank value	Corresponds

This lot meets our specification.

**Signature:** 

**Date:** 21/10/2009

Vincent M<sup>c</sup>Kie  
Quality Control Manager

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## Certificate of Analysis

**Product:** D-Fructose/D-Glucose Assay Kit  
**Cat. No:** K-FRUGL  
**Lot. No:** 91009  
**Expiry Date:** December, 2012

Test	Specification	Result
Assay performance	Reaction completed within time stated in kit booklet	Corresponds
	Target value for recommended standard material +/- 2 %	Corresponds
Blank reaction absorbance	+/- 10 % of mean blank value	Corresponds

This lot meets our specification.

**Signature:**

Vincent McKie

**Date:** 21/10/2009

Vincent M<sup>c</sup>Kie  
Quality Control Manager

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## Certificate of Analysis

**Product:** D-Fructose/D-Glucose Assay Kit  
**Cat. No:** K-FRUGL  
**Lot. No:** 91008  
**Expiry Date:** December, 2012

Test	Specification	Result
Assay performance	Reaction completed within time stated in kit booklet	Corresponds
	Target value for recommended standard material +/- 2 %	Corresponds
Blank reaction absorbance	+/- 10 % of mean blank value	Corresponds

This lot meets our specification.

**Signature:**

Vincent McKie

**Date:** 21/10/2009

Vincent M<sup>c</sup>Kie  
Quality Control Manager

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## Certificate of Analysis

**Product:** D-Fructose/D-Glucose Assay Kit  
**Cat. No:** K-FRUGL  
**Lot. No:** 91007  
**Expiry Date:** December, 2012

Test	Specification	Result
Assay performance	Reaction completed within time stated in kit booklet	Corresponds
	Target value for recommended standard material +/- 2 %	Corresponds
Blank reaction absorbance	+/- 10 % of mean blank value	Corresponds

This lot meets our specification.

**Signature:** 

**Date:** 21/10/2009

Vincent M<sup>c</sup>Kie  
Quality Control Manager

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## Certificate of Analysis

**Product:** D-Fructose/D-Glucose Assay Kit  
**Cat. No:** K-FRUGL  
**Lot. No:** 90508  
**Expiry Date:** December, 2012

Test	Specification	Result
Assay performance	Reaction completed within time stated in kit booklet	Corresponds
	Target value for recommended standard material +/- 2 %	Corresponds
Blank reaction absorbance	+/- 10 % of mean blank value	Corresponds

This lot meets our specification.

**Signature:** 

**Date:** 08/05/2009

Vincent M<sup>c</sup>Kie  
Quality Control Manager

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## Certificate of Analysis

**Product:** D-Fructose/D-Glucose Assay Kit  
**Cat. No:** K-FRUGL  
**Lot. No:** 90507  
**Expiry Date:** December, 2012

Test	Specification	Result
Assay performance	Reaction completed within time stated in kit booklet	Corresponds
	Target value for recommended standard material +/- 2 %	Corresponds
Blank reaction absorbance	+/- 10 % of mean blank value	Corresponds

This lot meets our specification.

**Signature:**

Vincent McKie

**Date:** 08/05/2009

Vincent M<sup>c</sup>Kie  
Quality Control Manager

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## Certificate of Analysis

**Product:** D-Fructose/D-Glucose Assay Kit  
**Cat. No:** K-FRUGL  
**Lot. No:** 80309  
**Expiry Date:** December, 2011

Test	Specification	Result
Assay performance	Reaction completed within time stated in kit booklet	Corresponds
	Target value for recommended standard material +/- 2 %	Corresponds
Blank reaction absorbance	+/- 10 % of mean blank value	Corresponds

This lot meets our specification.

**Signature:**

Vincent McKie

**Date:** 27/03/2008

Vincent McKie  
Quality Control Manager

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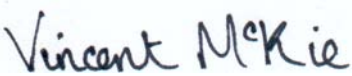
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## Certificate of Analysis

**Product:** D-Fructose/D-Glucose Assay Kit  
**Cat. No:** K-FRUGL  
**Lot. No:** 80207  
**Expiry Date:** December, 2010

Test	Specification	Result
Assay performance	Reaction completed within time stated in kit booklet	Corresponds
	Target value for recommended standard material +/- 2 %	Corresponds
Blank reaction absorbance	+/- 10 % of mean blank value	Corresponds

This lot meets our specification.

**Signature:** 

**Date:** 26/02/2008

Vincent McKie  
Quality Control Manager

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## Certificate of Analysis

**Product:** D-Fructose/D-Glucose Assay Kit  
**Cat. No:** K-FRUGL  
**Lot. No:** 80123  
**Expiry Date:** December, 2010

Test	Specification	Result
Assay performance	Reaction completed within time stated in kit booklet	Corresponds
	Target value for recommended standard material +/- 2 %	Corresponds
Blank reaction absorbance	+/- 10 % of mean blank value	Corresponds

This lot meets our specification.

**Signature:** 

**Date:** 28/01/2008

Vincent McKie  
Quality Control Manager

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## Certificate of Analysis

**Product:** D-Fructose/D-Glucose Assay Kit  
**Cat. No:** K-FRUGL  
**Lot. No:** 70415  
**Expiry Date:** December, 2010

Test	Specification	Result
Assay performance	Reaction completed within time stated in kit booklet	Corresponds
	Target value for recommended standard material +/- 2 %	Corresponds
Blank reaction absorbance	+/- 10 % of mean blank value	Corresponds

This lot meets our specification.

**Signature:** *Patricia Rossiter*

**Date:** 03/05/2007

Patricia Rossiter  
Quality Control Laboratory Manager

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## Certificate of Analysis

**Product:** D-Fructose/D-Glucose Assay Kit  
**Cat. No:** K-FRUGL  
**Lot. No:** 70201  
**Expiry Date:** February, 2010

Test	Specification	Result
Assay performance	Reaction completed within time stated in kit booklet	Corresponds
	Target value for recommended standard material +/- 2 %	Corresponds
Blank reaction absorbance	+/- 10 % of mean blank value	Corresponds

This lot meets our specification.

**Signature:** *Patricia Rossiter*

**Date:** 02/02/2007

Patricia Rossiter  
Quality Control Laboratory Manager

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## Certificate of Analysis

**Product:** D-Fructose/D-Glucose Assay Kit  
**Cat. No:** K-FRUGL  
**Lot. No:** 61108  
**Expiry Date:** November, 2009

Test	Specification	Result
Assay performance	Reaction completed within time stated in kit booklet	Corresponds
	Target value for recommended standard material +/- 2 %	Corresponds
Blank reaction absorbance	+/- 10 % of mean blank value	Corresponds

This lot meets our specification.

**Signature:** *Patricia Rossiter*

**Date:** 27/11/2006

Patricia Rossiter  
Quality Control Laboratory Manager

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## Certificate of Analysis

**Product:** D-Fructose/D-Glucose Assay Kit  
**Cat. No:** K-FRUGL  
**Lot. No:** 61009  
**Expiry Date:** October, 2009

Test	Specification	Result
Assay performance	Reaction completed within time stated in kit booklet	Corresponds
	Target value for recommended standard material +/- 2 %	Corresponds
Blank reaction absorbance	+/- 10 % of mean blank value	Corresponds

This lot meets our specification.

**Signature:** *Patricia Rossiter*

**Date:** 24/10/2006

Patricia Rossiter  
Quality Control Laboratory Manager

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## Certificate of Analysis

**Product:** D-Fructose/D-Glucose Assay Kit  
**Cat. No:** K-FRUGL  
**Lot. No:** 60602  
**Expiry Date:** June, 2009

Test	Specification	Result
Assay performance	Reaction completed within time stated in kit booklet	Corresponds
	Target value for recommended standard material +/- 2 %	Corresponds
Blank reaction absorbance	+/- 10 % of mean blank value	Corresponds

This lot meets our specification.

**Signature:** 

**Date:** 13/06/2006

Patricia Rossiter  
Quality Control Laboratory Manager

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## Certificate of Analysis

**Product:** D-Fructose/D-Glucose Assay Kit  
**Cat. No:** K- FRUGL  
**Lot. No:** 60601  
**Expiry Date:** June, 2009

Test	Specification	Result
Assay performance	Reaction completed within time stated in kit booklet	Corresponds
	Target value for recommended standard material +/- 2 %	Corresponds
Blank reaction absorbance	+/- 10 % of mean blank value	Corresponds

This lot meets our specification.

**Signature:** *Patricia Rossiter*

**Date:** 13/06/2006

Patricia Rossiter  
Quality Control Laboratory Manager

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## Certificate of Analysis

**Product:** D-Fructose/D-Glucose Assay Kit  
**Cat. No:** K- FRUGL  
**Lot. No:** 60431  
**Expiry Date:** April, 2009

Test	Specification	Result
Assay performance	Reaction completed within time stated in kit booklet	Corresponds
	Target value for recommended standard material +/- 2 %	Corresponds
Blank reaction absorbance	+/- 10 % of mean blank value	Corresponds

This lot meets our specification.

**Signature:** *Patricia Rossiter*

**Date:** 21/04/2006

Patricia Rossiter  
Quality Control Laboratory Manager

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## Certificate of Analysis

**Product:** D-Fructose/D-Glucose Assay Kit  
**Cat. No:** K-FRUGL  
**Lot. No:** 60403  
**Expiry Date:** April, 2009

Test	Specification	Result
Assay performance	Reaction completed within time stated in kit booklet	Corresponds
	Target value for recommended standard material +/- 2 %	Corresponds
Blank reaction absorbance	+/- 10 % of mean blank value	Corresponds

This lot meets our specification.

**Signature:** *Patricia Rossiter*

**Date:** 03/04/2006

Patricia Rossiter  
Quality Control Laboratory Manager

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## Certificate of Analysis

**Product:** D-Fructose/D-Glucose Assay Kit  
**Cat. No:** K-FRUGL  
**Lot. No:** 60313  
**Expiry Date:** March, 2009

Test	Specification	Result
Assay performance	Reaction completed within time stated in kit booklet	Corresponds
	Target value for recommended standard material +/- 2 %	Corresponds
Blank reaction absorbance	+/- 10 % of mean blank value	Corresponds

This lot meets our specification.

**Signature:** *Patricia Rossiter*

**Date:** 21/03/2006

Patricia Rossiter  
Quality Control Laboratory Manager

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## Certificate of Analysis

**Product:** D-Fructose/D-Glucose Assay Kit  
**Cat. No:** K-FRUGL  
**Lot. No:** 60301  
**Expiry Date:** March, 2009

Test	Specification	Result
Assay performance	Reaction completed within time stated in kit booklet	Corresponds
	Target value for recommended standard material +/- 2 %	Corresponds
Blank reaction absorbance	+/- 10 % of mean blank value	Corresponds

This lot meets our specification.

**Signature:** *Patricia Rossiter*

**Date:** 03/03/2006

Patricia Rossiter  
Quality Control Laboratory Manager

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