



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

## Certificate of Analysis

**Product:** Ascorbic Acid Assay Kit  
**Cat. No:** K-ASCO  
**Lot. No:** 110719  
**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:** 22/07/2011

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

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



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Bray Business Park,  
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## Certificate of Analysis

**Product:** Ascorbic Acid Assay Kit  
**Cat. No:** K-ASCO  
**Lot. No:** 110718  
**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:** 22/07/2011

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

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## Certificate of Analysis

**Product:** Ascorbic Acid Assay Kit  
**Cat. No:** K-ASCO  
**Lot. No:** 110118  
**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:** 21/01/2011

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

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## Certificate of Analysis

**Product:** Ascorbic Acid Assay Kit  
**Cat. No:** K-ASCO  
**Lot. No:** 101105  
**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:** 15/11/2010

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

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## Certificate of Analysis

**Product:** Ascorbic Acid Assay Kit  
**Cat. No:** K-ASCO  
**Lot. No:** 100902  
**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:** 23/09/2010

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

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## Certificate of Analysis

**Product:** Ascorbic Acid Assay Kit  
**Cat. No:** K-ASCO  
**Lot. No:** 100701  
**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:** 05/07/2010

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

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## Certificate of Analysis

**Product:** Ascorbic Acid Assay Kit  
**Cat. No:** K-ASCO  
**Lot. No:** 100622  
**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:** 17/06/2010

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

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## Certificate of Analysis

**Product:** Ascorbic Acid Assay Kit  
**Cat. No:** K-ASCO  
**Lot. No:** 100510  
**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:**

Vincent McKie

**Date:** 01/06/2010

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

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## Certificate of Analysis

**Product:** Ascorbic Acid Assay Kit  
**Cat. No:** K-ASCO  
**Lot. No:** 100402  
**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:** 07/04/2010

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

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## Certificate of Analysis

**Product:** Ascorbic Acid Assay Kit  
**Cat. No:** K-ASCO  
**Lot. No:** 100101  
**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:** 15/01/2010

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

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## Certificate of Analysis

**Product:** Ascorbic Acid Assay Kit  
**Cat. No:** K-ASCO  
**Lot. No:** 91106  
**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:** 01/12/2009

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

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## Certificate of Analysis

**Product:** Ascorbic Acid Assay Kit  
**Cat. No:** K-ASCO  
**Lot. No:** 90609  
**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:** 26/06/2009

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

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## Certificate of Analysis

**Product:** Ascorbic Acid Assay Kit  
**Cat. No:** K-ASCO  
**Lot. No:** 90608  
**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:** 26/06/2009

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

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## Certificate of Analysis

**Product:** Ascorbic Acid Assay Kit  
**Cat. No:** K-ASCO  
**Lot. No:** 80701  
**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:** 15/07/2008

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

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## Certificate of Analysis

**Product:** Ascorbic Acid Assay Kit  
**Cat. No:** K-ASCO  
**Lot. No:** 80403  
**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:**

Vincent McKie

**Date:** 07/04/2008

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

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## Certificate of Analysis

**Product:** Ascorbic Acid Assay Kit  
**Cat. No:** K-ASCO  
**Lot. No:** 80204  
**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:** 11/02/2008

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

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## Certificate of Analysis

**Product:** Ascorbic Acid Assay Kit  
**Cat. No:** K-ASCO  
**Lot. No:** 70305  
**Expiry Date:** December, 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:** 12/03/2007

Patricia Rossiter  
Quality Control Laboratory Manager

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## Certificate of Analysis

**Product:** Ascorbic Acid Assay Kit  
**Cat. No:** K-ASCO  
**Lot. No:** 60805  
**Expiry Date:** December, 2008

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:** 17/08/2006

Patricia Rossiter  
Quality Control Laboratory Manager

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## Certificate of Analysis

**Product:** Ascorbic Acid Assay Kit  
**Cat. No:** K-ASCO  
**Lot. No:** 60311  
**Expiry Date:** December, 2008

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:** 08/03/2006

Patricia Rossiter  
Quality Control Laboratory Manager

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