

INTERNATIONAL CONFERENCE ON HARMONISATION OF TECHNICAL  
REQUIREMENTS FOR REGISTRATION OF PHARMACEUTICALS FOR HUMAN USE

**ICH HARMONISED TRIPARTITE GUIDELINE**

**EVALUATION AND RECOMMENDATION OF PHARMACOPOEIAL  
TEXTS FOR USE IN THE ICH REGIONS**

**ON**

**CAPILLARY ELECTROPHORESIS GENERAL CHAPTER**

**Q4B ANNEX 11**

Current *Step 4* Version  
dated 9 June 2010

*This Guideline has been developed by the appropriate ICH Expert Working Group and has been subject to consultation by the regulatory parties, in accordance with the ICH Process. At Step 4 of the Process the final draft is recommended for adoption to the regulatory bodies of the European Union, Japan and USA.*

**Q4B Annex 11  
Document History**

Code	History	Date
Q4B Annex 11	Approval by the Steering Committee under <i>Step 2</i> and release for public consultation.	29 October 2009

**Current *Step 4* version**

Q4B Annex 11	Approval by the Steering Committee under <i>Step 4</i> and recommendation for adoption to the three ICH regulatory bodies.	9 June 2010
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Q4B Annex 11**

**ICH Harmonised Tripartite Guideline**

Having reached *Step 4* of the ICH Process at the ICH Steering Committee meeting on 9 June 2010, this guideline is recommended for adoption to the three regulatory parties to ICH

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**EVALUATION AND RECOMMENDATION OF PHARMACOPOEIAL TEXTS FOR  
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ON  
**CAPILLARY ELECTROPHORESIS GENERAL CHAPTER  
Q4B ANNEX 11**

**1. INTRODUCTION**

This annex is the result of the Q4B process for the Capillary Electrophoresis General Chapter.

The proposed texts were submitted by the Pharmacopoeial Discussion Group (PDG).

**2. Q4B OUTCOME**

**2.1 Analytical Procedures**

The ICH Steering Committee, based on the evaluation by the Q4B Expert Working Group (EWG), recommends that the analytical procedures described in the official pharmacopoeial texts, Ph.Eur. 2.2.47. Capillary Electrophoresis, JP General Information 4. Capillary Electrophoresis, and USP General Information Chapter <1053> Biotechnology-derived Articles – Capillary Electrophoresis,<sup>1</sup> can be used as interchangeable in the ICH regions.

**2.2 Acceptance Criteria**

The texts evaluated did not contain acceptance criteria.

**3. TIMING OF ANNEX IMPLEMENTATION**

When this annex is implemented (incorporated into the regulatory process at ICH *Step 5*) in a region, it can be used in that region. Timing might differ for each region.

**4. CONSIDERATIONS FOR IMPLEMENTATION**

**4.1 General Consideration**

When sponsors or manufacturers change their existing methods to the implemented Q4B-evaluated pharmacopoeial texts that are referenced in Section 2.1 of this annex, any change notification, variation, and/or prior approval procedures should be handled in accordance with established regional regulatory mechanisms pertaining to compendial changes.

**4.2 FDA Consideration**

Based on the recommendation above, and with reference to the conditions set forth in this annex, the pharmacopoeial texts referenced in Section 2.1 of this annex can be considered interchangeable. However, FDA might request that a company demonstrate that the chosen

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<sup>1</sup> The harmonized text under review has been incorporated into USP informational chapter <1053> Biotechnology-derived Articles – Capillary Electrophoresis, which is official (as of the July 1, 2009, USP Revision Bulletin). The USP proposed in Pharmacopoeial Forum (Vol. 36, number 1) to drop the existing (mandatory) General Chapter <727> Capillary Electrophoresis (also now official), and rename the (nonmandatory) chapter <1053> to Capillary Electrophoresis. The official date for this change will be May 1, 2011 (USP 34-NF29).

method is acceptable and suitable for a specific material or product, irrespective of the origin of the method.

#### **4.3 EU Consideration**

For the European Union, regulatory authorities can accept the reference in a marketing authorisation application, renewal or variation application citing the use of the corresponding text from another pharmacopoeia as referenced in Section 2.1, in accordance with the conditions set out in this annex, as fulfilling the requirements for compliance with the Ph. Eur. Chapter 2.2.47. on the basis of the declaration of interchangeability made above.

#### **4.4 MHLW Consideration**

The pharmacopoeial texts referenced in Section 2.1 of this annex can be used as interchangeable in accordance with the conditions set out in this annex. Details of implementation requirements will be provided in the notification by MHLW when this annex is implemented.

#### **4.5 Health Canada Consideration**

In Canada any of the pharmacopoeial texts cited in Section 2.1 of this annex and used in accordance with the conditions set out in this annex can be considered interchangeable.

### **5. REFERENCES USED FOR THE Q4B EVALUATION**

- 5.1** The PDG Stage 5B sign-off document: *Japanese Pharmacopoeial Forum*, Volume 11, number 4 (October 2002).
- 5.2** The pharmacopoeial references for Capillary Electrophoresis General Chapter for this annex are:
  - 5.2.1** *European Pharmacopoeia* (Ph. Eur.): Supplement 6.6 (published June 2009, and official January 1, 2010), Capillary Electrophoresis (reference 01/2008:20247);
  - 5.2.2** *Japanese Pharmacopoeia* (JP): General Information 4. as it appears in the JP Fifteenth Edition (March 31, 2006, The Ministry of Health, Labour and Welfare Ministerial Notification No. 285). The English text was officially updated by errata published by MHLW at [http://www.std.pmda.go.jp/jpPUB/Data/ENG/jpdata/H201105\\_jp15\\_errata.pdf](http://www.std.pmda.go.jp/jpPUB/Data/ENG/jpdata/H201105_jp15_errata.pdf) on May 28, 2010;
  - 5.2.3** *United States Pharmacopoeia* (USP):<sup>2</sup> <1053> Biotechnology-derived Articles – Capillary Electrophoresis, *USP Revision Bulletin* posted May 29, 2009, official July 1, 2009.

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<sup>2</sup> See footnote 1