



# Draft Guidance Document

## Generic Drug Equivalence: Medicinal Ingredients

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- 2 Health Canada is responsible for helping Canadians maintain and improve their health. It
- 3 ensures that high-quality health services are accessible, and works to reduce health risks.
  
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## Foreword

Guidance documents are meant to provide assistance to industry and health care professionals on **how** to comply with governing statutes and regulations. Guidance documents also provide assistance to staff on how Health Canada mandates and objectives should be implemented in a manner that is fair, consistent and effective.

Guidance documents are administrative instruments not having force of law and, as such, allow for flexibility in approach. Alternate approaches to the principles and practices described in this document **may be** acceptable provided they are supported by adequate justification. Alternate approaches should be discussed in advance with the relevant program area to avoid the possible finding that applicable statutory or regulatory requirements have not been met.

As a corollary to the above, it is equally important to note that Health Canada reserves the right to request information or material, or define conditions not specifically described in this document, in order to allow the Department to adequately assess the safety, efficacy or quality of a therapeutic product. Health Canada is committed to ensuring that such requests are justifiable and that decisions are clearly documented.

10	<b>Table of contents</b>	
11	1. Introduction .....	5
12	1.2 Policy objectives .....	5
13	1.2 Policy statements .....	5
14	1.3 Scope and application .....	6
15	1.4 Definitions .....	7
16	1.5 Background.....	8
17	2. Guidance for implementation.....	9
18	2.1 The medicinal ingredient.....	9
19	2.2 Quality (Chemistry and Manufacturing).....	9
20	2.3 Bioequivalence .....	10
21	2.3.1 Comparative solubility .....	10
22	2.3.2 Bioequivalence studies with pharmacokinetic endpoints for drugs submitted as an	
23	ANDS .....	11
24	2.3.3 Biopharmaceutics Classification System (BCS)-based biowaivers.....	11
25	2.4 Non-clinical toxicology .....	11
26	2.5 Labelling.....	12
27	2.6 Intellectual property considerations .....	12
28	2.7 Notice of Compliance (NOC).....	13
29	2.8 Post-market considerations .....	13
30	2.8.1 Non opioid containing products .....	13
31	2.8.2 Opioid containing products .....	13
32	2. Contact information.....	14
33		

## 34 1. Introduction

35 Health Canada is the federal regulatory authority that evaluates the safety, efficacy and quality  
36 of drugs for market authorization in Canada. The department is providing a general outline of  
37 information and recommendations on submission content for a subsequent market entry drug  
38 product (e.g., a generic drug product) for demonstrating equivalence to the Canadian Reference  
39 Product (CRP) in relation to the term “pharmaceutical equivalent” as proposed in amendments  
40 to the Food and Drug Regulations (the Regulations) for section C.08.001.1  
41 (<http://gazette.gc.ca/rp-pr/p1/2019/2019-03-30/html/reg2-eng.html>).

42 This draft guidance document sets out considerations for the general information and  
43 submission content for Abbreviated New Drug Submissions (ANDSs) for a generic drug product  
44 containing a different medicinal ingredient with the identical therapeutically active component  
45 in comparison to the CRP.

46 The draft guidance document Identifying and Labelling Medicinal Ingredients in New Drug  
47 Products ([https://www.canada.ca/en/health-canada/services/drugs-health-products/public-  
48 involvement-consultations/drug-products/drug-products/consultation-profile-draft-generic-  
49 drug-equivalence/document-2.html](https://www.canada.ca/en/health-canada/services/drugs-health-products/public-involvement-consultations/drug-products/drug-products/consultation-profile-draft-generic-drug-equivalence/document-2.html)) outlines the general principles and considerations for  
50 identifying the medicinal ingredient of a drug product evaluated under Division 8 of the  
51 Regulations.

### 52 1.2 Policy objectives

53 The objective of this guidance document is to outline the general principles and considerations  
54 for demonstrating the safety, efficacy and quality of generic drug products submitted to Health  
55 Canada pursuant to subsection C.08.002.1(1) of the Regulations where a generic drug product  
56 contains a different medicinal ingredient with the identical therapeutically active component in  
57 comparison to the CRP.

58 The current regulations (including the definition for pharmaceutical equivalent), guidance  
59 documents and policies will apply until the proposed regulatory amendments are finalized and  
60 come into force. The current regulations, guidance documents and policies will continue to  
61 apply to submissions that were filed prior to the proposed regulatory amendments coming into  
62 force.

63 Once finalized, this guidance document will replace past policy interpretations of identical  
64 medicinal ingredient and should be read in conjunction with the Regulations.

### 65 1.2 Policy statements

66 As proposed in the amendments to the Regulations for section C.08.001.1:

- 67 ○ **“therapeutically active component”** means a medicinal ingredient, excluding those  
68 appended portions, if any, that cause the medicinal ingredient to be a salt, hydrate or  
69 solvate.

70

71

72 As proposed in the amendments to the Regulations for section C.08.001.1, for a new drug not  
73 referred to in Schedule C or Schedule D of the Food and Drugs Act (the Act):

- 74 ○ **“pharmaceutical equivalent”** means a new drug that, in comparison with another drug,  
75 contains identical amounts of the identical therapeutically active components, in  
76 comparable dosage forms, but that does not necessarily contain the same non-  
77 medicinal ingredients.

78 The submission sponsor is responsible for providing the necessary evidence to demonstrate the  
79 safety, efficacy and quality for a generic drug product.

80 Depending on the proposed generic drug product containing a different medicinal ingredient  
81 with the identical therapeutically active component in comparison to the CRP, the submission  
82 sponsor is encouraged to submit information and materials that demonstrate that the  
83 difference, if any, is inconsequential with respect to the safety or effectiveness of the generic  
84 drug product.

85 Generic drug products with the following differences in the medicinal ingredient with the  
86 identical therapeutically active component in comparison to the CRP are eligible to be filed via  
87 the ANDS regulatory pathway:

- 88 ○ different hydrated or solvated forms  
89 ○ different polymorphic forms and  
90 ○ different salt forms

91 Generic drug products with the following differences in the medicinal ingredient are not eligible  
92 to be filed via the ANDS regulatory pathway:

- 93 ○ different esters  
94 ○ different complexes  
95 ○ different clathrates and  
96 ○ different isomers or mixtures with different proportions of isomers

97 In these circumstances, submissions must be filed via the New Drug Submission (NDS) pathway.

98 As proposed in the amendments to the Regulations, the Notice of Compliance (NOC) for generic  
99 drug products approved by way of an ANDS will state the difference, if any, between the  
100 medicinal ingredient of the generic drug product and the CRP to improve transparency of  
101 information (e.g., for provincial and territorial formularies, healthcare professionals and  
102 patients).

103 The acceptability of the submission will be considered on a case-by-case basis, and regulatory  
104 decisions will be based on the details and circumstances of each submission.

### 105 1.3 Scope and application

106 This guidance document will apply to ANDSs that are filed pursuant to Part C, Division 8 of the  
107 Regulations with the Therapeutic Products Directorate (TPD), the Veterinary Drugs Directorate  
108 (VDD), and the Natural and Non-prescription Health Products Directorate (NNHPD) of Health  
109 Canada once the proposed amendments to the Regulations come into force. The current

110 regulations, guidance documents and polices will continue to apply to submissions that were  
111 filed prior to the proposed regulatory amendments coming into force.

112 The information provided in this guidance document regarding the acceptability of a different  
113 medicinal ingredient with the identical therapeutically active component in comparison to the  
114 CRP is applicable to the following dosage forms:

- 115 • immediate-release solid oral tablets and capsules used for systemic effects
- 116 • oral aqueous solutions
- 117 • ophthalmic aqueous solutions and
- 118 • intravenous (IV) aqueous solutions

119 This guidance document does not apply to drugs referred to in Schedule D (biologicals) or  
120 Schedule C (radiopharmaceuticals) of the Act, to drug products containing more than one  
121 medicinal ingredient, to drug products with medicinal ingredients which do not possess a  
122 unique chemical structure (e.g., polymers with varying molecular weights), to critical dose  
123 drugs<sup>1</sup>, or drugs requiring patient monitoring (to avoid the consequences of under- or over-  
124 treatment).

125 For changes to the drug substance or drug product after receipt of a NOC, Health Canada's  
126 Post-Notice of Compliance (NOC) Changes: Framework (<https://www.canada.ca/en/health-canada/services/drugs-health-products/drug-products/applications-submissions/guidance-documents/post-notice-compliance-changes/framework-document.html>) and Post-Notice of  
127 Compliance (NOC) Changes: Quality (<https://www.canada.ca/en/health-canada/services/drugs-health-products/drug-products/applications-submissions/guidance-documents/post-notice-compliance-changes/quality-document.html>) documents should be consulted.

## 132 1.4 Definitions

133 **Active ingredient** means a drug that, when used as the raw material in the fabrication of a drug  
134 in dosage form, provides its intended effect.

135 **Active pharmaceutical ingredient (API) (or drug substance)** means an active ingredient that is  
136 used in the fabrication of a pharmaceutical. For the purpose of this guidance document, the  
137 terms "drug substance" and "active pharmaceutical ingredient" are considered  
138 interchangeable.

139 **Clathrate** means a solid mixture in which small molecules of one compound or element are  
140 trapped in the holes of the crystal lattice of another substance. Molecules are not held by  
141 chemical bonding interactions, but rather by physical entrapment.

142 **Dosage form** means the physical manifestation of a product that contains the active  
143 ingredient(s) and inactive ingredients that are intended to be delivered to the patient. Note,  
144 'dosage form' can refer to the administrable dosage form or the manufactured dosage form,  
145 depending on the product that it is describing. However, for the purpose of this guidance  
146 document, dosage form means the manufactured dosage form.

147 **Dose solubility volume (DSV)** means the highest therapeutic dose (milligrams) divided by the  
148 solubility of the substance [milligram/millilitres (mg/mL)] at a given pH and temperature. For

149 example, if a drug substance has a solubility of 31 mg/mL at pH 4.5 (37°C) and the highest dose  
150 is 500 mg, then the DSV = 500 mg / 31 mg/mL = 16 mL at pH 4.5 (37°C).

151 **Drug product** means any substance or combination of substances that may be administered to  
152 human beings (or animals) for treating or preventing disease, with the view to making a medical  
153 diagnosis or to restore, correct or modify physiological functions.

154 **Hydrate** means a compound that contains water within its crystal structure.

155 **Isomers** mean compounds that have identical molecular formulae, but differ in the nature or  
156 sequence of bonding of their atoms in space.

157 **Non-medicinal ingredient** means a substance – other than the pharmacologically active drug –  
158 that is added during the manufacturing process and that is present in the finished drug product.

159 **Pharmaceutical equivalent** as proposed in the amendments to the Regulations for section  
160 C.08.001.1, in respect of a new drug not referred to in Schedule C or Schedule D of the Act,  
161 means a new drug that, in comparison with another drug, contains identical amounts of the  
162 identical therapeutically active components, in comparable dosage forms, but that does not  
163 necessarily contain the same non-medicinal ingredients.

164 **Polymorph** means different crystalline or amorphous forms of the same medicinal ingredient  
165 and may include solvation or hydration products (also known as pseudopolymorphs) and  
166 amorphous forms.

167 **Salt** means a compound formed by the ionic interaction of the ionized form of an acid or a base  
168 with a counter ion.

169 **Solvate** means a compound which during the crystallization process traps a fixed molar ratio of  
170 solvent molecules in the crystal structure. The solvent may be highly bound in the crystal or it  
171 may be more loosely bound in channels within the crystal. Hydrates are a class of solvates  
172 where the solvent is water.

173 **Therapeutically active component** as proposed in the amendments to the Regulations for  
174 section C.08.001.1, means a medicinal ingredient, excluding those appended portions, if any,  
175 that cause the medicinal ingredient to be a salt, hydrate or solvate.

## 176 1.5 Background

177 An updated Notice and an Interim Policy ([https://www.canada.ca/en/health-  
178 canada/services/drugs-health-products/drug-products/applications-  
179 submissions/policies/notice-interim-policy-health-canada-interpretation-identical-medicinal-  
180 ingredient.html](https://www.canada.ca/en/health-canada/services/drugs-health-products/drug-products/applications-submissions/policies/notice-interim-policy-health-canada-interpretation-identical-medicinal-ingredient.html)) were published in October 2017 (replacing the 2015 Interim Policy) to reflect  
181 Health Canada's current interpretation of medicinal ingredient and regulatory decision-making.  
182 The 2017 Interim Policy clarified various scenarios that may be approvable as an ANDS. The  
183 scenario in which the generic drug product contains a medicinal ingredient that differs in form  
184 (e.g., salt form) compared to the CRP, is contingent on the therapeutic moieties being the same  
185 and the safety and effectiveness between the two products being demonstrated to be  
186 equivalent.

187 From June to October 2017, Health Canada consulted on a Notice to Interested Parties (NOI) -  
188 Possible Changes to the Food and Drug Regulations: Generic Drug Equivalence and Related  
189 Terminology ([https://www.canada.ca/en/health-canada/services/drugs-health-  
190 products/public-involvement-consultations/drug-products/generic-drug-equivalence-  
191 notice.html](https://www.canada.ca/en/health-canada/services/drugs-health-products/public-involvement-consultations/drug-products/generic-drug-equivalence-notice.html)). The NOI solicited comments on possible changes to the Regulations with respect  
192 to the establishment of equivalence between a proposed generic drug product and the CRP.  
193 The feedback received on the NOI was taken into consideration during the development of the  
194 proposed amendments to the Regulations published for comment in Canada Gazette, Part I and  
195 this draft guidance document.

## 196 2. Guidance for implementation

197 The proposed amendments to the Regulations would permit drug submissions to be filed via  
198 the ANDS pathway with certain different medicinal ingredients with the identical  
199 therapeutically active component in comparison to the CRP. Sponsors should conduct the  
200 appropriate in vivo and/or in vitro studies to demonstrate that a difference, if any, in the  
201 medicinal ingredient with the identical therapeutically active component between the generic  
202 drug product and the CRP is inconsequential with respect to the safety and/or efficacy of the  
203 generic drug product. The results of these studies should be included in the submission.

204 In addition to reviewing the information provided in this guidance document, submission  
205 sponsors are advised to consult with Health Canada, in advance of filing a drug submission,  
206 when there is doubt regarding whether the generic drug product could be considered the  
207 pharmaceutical equivalent of the CRP or what supporting information is required to establish  
208 pharmaceutical equivalence.

### 209 2.1 The medicinal ingredient

210 As proposed in the amendments to the Regulations for section C.08.001.01 (1), a reference to  
211 the medicinal ingredient of a new drug is a reference to the form of the medicinal ingredient in  
212 the dosage form of the new drug.

213 The guidance document entitled Identifying and Labelling Medicinal Ingredients in New Drug  
214 Products ([https://www.canada.ca/en/health-canada/services/drugs-health-products/public-  
215 involvement-consultations/drug-products/drug-products/consultation-profile-draft-generic-  
216 drug-equivalence/document-2.html](https://www.canada.ca/en/health-canada/services/drugs-health-products/public-involvement-consultations/drug-products/drug-products/consultation-profile-draft-generic-drug-equivalence/document-2.html)) outlines the general principles and considerations in this  
217 area.

### 218 2.2 Quality (Chemistry and Manufacturing)

219 Complete chemistry and manufacturing information on the API and drug product should be  
220 provided in the drug submission as described in the Health Canada guidance document Quality  
221 (Chemistry and Manufacturing) Guidance: New Drug Submissions (NDSs) and Abbreviated New  
222 Drug Submissions (ANDSs) for human drug products ([https://www.canada.ca/en/health-  
223 canada/services/drugs-health-products/drug-products/applications-submissions/guidance-  
224 documents/chemical-entity-products-quality/guidance-document-quality-chemistry-  
225 manufacturing-guidance-new-drug-submissions-ndss-abbreviated-new-drug-submissions.html](https://www.canada.ca/en/health-canada/services/drugs-health-products/drug-products/applications-submissions/guidance-documents/chemical-entity-products-quality/guidance-document-quality-chemistry-manufacturing-guidance-new-drug-submissions-ndss-abbreviated-new-drug-submissions.html)).

226 For veterinary drug products, submission sponsors should refer to the document Guidance for  
227 Industry: Preparation of Abbreviated Veterinary New Drug Submissions – Generic Drugs  
228 ([https://www.canada.ca/content/dam/hc-sc/migration/hc-sc/dhp-mps/alt\\_formats/pdf/vet/legislation/guide-ld/vdd-guide-and-padn-eng.pdf](https://www.canada.ca/content/dam/hc-sc/migration/hc-sc/dhp-mps/alt_formats/pdf/vet/legislation/guide-ld/vdd-guide-and-padn-eng.pdf)).

230 Unsolvated and the various solvated forms of the identical therapeutically active component  
231 are generally considered identical. Levels of the solvate within the limits recommended in the  
232 International Council for Harmonisation of Technical Requirements for Pharmaceutical for  
233 Human Use (ICH) Q3C "Impurities: Guideline for Residual Solvents"  
234 ([http://www.ich.org/fileadmin/Public\\_Web\\_Site/ICH\\_Products/Guidelines/Quality/Q3C/Q3C\\_\\_R6\\_\\_Step\\_4.pdf](http://www.ich.org/fileadmin/Public_Web_Site/ICH_Products/Guidelines/Quality/Q3C/Q3C__R6__Step_4.pdf)) are considered qualified without further justification. Solvate levels  
235 exceeding the ICH Q3C limits should be justified and supporting data provided in the drug  
236 submission. Supporting data may be based on concepts of qualification outlined in the ICH  
237 impurity guidelines Q3A (<http://www.ich.org/products/guidelines/quality/article/quality-guidelines.html>), Q3B  
238 ([http://www.ich.org/fileadmin/Public\\_Web\\_Site/ICH\\_Products/Guidelines/Quality/Q3B\\_R2/Step4/Q3B\\_R2\\_\\_Guideline.pdf](http://www.ich.org/fileadmin/Public_Web_Site/ICH_Products/Guidelines/Quality/Q3B_R2/Step4/Q3B_R2__Guideline.pdf)), and Q3C  
239 ([http://www.ich.org/fileadmin/Public\\_Web\\_Site/ICH\\_Products/Guidelines/Quality/Q3C/Q3C\\_\\_R6\\_\\_Step\\_4.pdf](http://www.ich.org/fileadmin/Public_Web_Site/ICH_Products/Guidelines/Quality/Q3C/Q3C__R6__Step_4.pdf)).

244 Biowaivers for aqueous solutions which start with APIs that are different salts with the identical  
245 therapeutically active component are only acceptable if the dosage form is qualitatively the  
246 same and quantitatively essentially the same as the CRP in terms of ionic components and  
247 other excipients. For the purposes of this document, essentially the same would be interpreted  
248 as the amount (or concentration) of each excipient in the generic drug product to be within  
249  $\pm 10\%$  of the amount (or concentration) of each excipient in the CRP. Minor differences in the  
250 qualitative nature of the solution composition may be acceptable with adequate scientific  
251 justification that the differences will not affect safety and efficacy. Any difference in the  
252 qualitative nature of the ionic components and/or any excipients will generally not be  
253 acceptable without adequate scientific evidence to support that the proposed product and the  
254 CRP have the same safety and efficacy profile.

255 Information and data may be requested to demonstrate that any difference in a medicinal  
256 ingredient with the identical therapeutically active component in comparison to the CRP is  
257 inconsequential to the safety and efficacy of the generic drug product. In vitro data is generally  
258 not sufficient to support a different medicinal ingredient in the generic drug product and the  
259 CRP.

## 260 2.3 Bioequivalence

### 261 2.3.1 Comparative solubility

262 Different medicinal ingredients with the identical therapeutically active component may vary in  
263 their solubility across the physiological pH range, which could influence bioavailability. A  
264 comparative solubility assessment is an integral part of the safety and efficacy assessment  
265 when the proposed generic drug product contains a different medicinal ingredient with the  
266 identical therapeutically active component in comparison to the CRP. The dose solubility  
267 volume (DSV) of the medicinal ingredients of the proposed generic drug product and the CRP

268 should be determined, and the impact of any differences in the DSV on pharmacokinetic  
269 characteristics (absorption, disposition, metabolism and excretion) should be addressed in the  
270 drug submission.

### 271 2.3.2 Bioequivalence studies with pharmacokinetic endpoints for drugs submitted as an ANDS

272 When the proposed generic drug product contains a different medicinal ingredient with the  
273 identical therapeutically active component in comparison to the CRP, then bioequivalence  
274 could be demonstrated in vivo against the CRP. This guidance document does not apply to  
275 critical dose drugs<sup>2</sup> or drugs requiring patient monitoring (to avoid the consequences of under-  
276 or over-treatment).

277 If the proposed generic drug product is eligible to be filed as an ANDS and is administered  
278 orally, bioequivalence studies should be performed under both single-dose fasting and single-  
279 dose fed (high-fat, high-calorie) conditions.

280 The bioequivalence studies should be conducted on at least the highest and lowest strength in  
281 the proposed series of strengths to demonstrate that the pharmacokinetic properties (i.e.,  
282 linearity of the in vivo pharmacokinetic profile) of the medicinal ingredient (in the dosage form)  
283 are the same as the CRP.

284 Bioequivalence standards, as defined in Health Canada guidance documents, should be met.

285 In accordance with Health Canada's policy, Bioequivalence of Proportional Formulations – Solid  
286 Oral Dosage Forms (1996) (<https://www.canada.ca/en/health-canada/services/drugs-health-products/drug-products/applications-submissions/policies/bioequivalence-proportional-formulations-solid-oral-dosage-forms.html>), a waiver of in vivo bioequivalence studies may be  
287 requested for additional strengths in a series of strengths (i.e., non-biostudy strengths) if they  
288 are formulated proportionally to the lot of a test strength administered in the bioequivalence  
289 studies .  
290  
291

292 A stereospecific assay may be required for bioequivalence studies where it is not clear whether  
293 the proposed generic drug product versus the CRP (e.g., different salt form) will produce the  
294 same amount of the active enantiomer.

### 295 2.3.3 Biopharmaceutics Classification System (BCS)-based biowaivers

296 A test product is not eligible for a BCS-based biowaiver when the medicinal ingredient of the  
297 generic drug product is a different salt, ester, isomer, mixture of isomers, complex or clathrate  
298 compared to that of the CRP.

## 299 2.4 Non-clinical toxicology

300 Evidence should be provided to demonstrate that there is no change in the toxicity profile of  
301 the salt form of the medicinal ingredient in the generic drug product that would significantly  
302 change the safety of the drug product when compared with the CRP. This may include a  
303 literature review of toxicity data for the counter ion, derived acceptable daily intake values for  
304 the counter ion, or outlining the regulatory status of the new counter ion (e.g., Generally  
305 Recognized as Safe (GRAS) status).

306 In cases where there is insufficient toxicity data available on the counter ion in the public  
307 domain, non-clinical studies may be required to characterize the toxicity profile of the salt form  
308 of the medicinal ingredient in the generic drug product. This could include a 13-week repeat-  
309 dose toxicity bridging study in rodents comparing the toxicity profile of the CRP with the salt  
310 form of the generic drug product. On a case-by-case basis, it may be warranted to also evaluate  
311 the toxicity profile of the salt-forming agent alone.

312 Additional non-clinical toxicology studies (in silico and/or in vitro and/or in vivo) may be  
313 required to demonstrate the safety of drug substance-related and/or drug product-related  
314 impurities of the salt form of the medicinal ingredient in the generic drug product [refer to ICH  
315 Q3 (<http://www.ich.org/products/guidelines/quality/article/quality-guidelines.html>)series of  
316 guidelines and ICH M7  
317 ([http://www.ich.org/fileadmin/Public\\_Web\\_Site/ICH\\_Products/Guidelines/Multidisciplinary/M  
318 7/M7\\_R1\\_Addendum\\_Step\\_4\\_2017\\_0331.pdf](http://www.ich.org/fileadmin/Public_Web_Site/ICH_Products/Guidelines/Multidisciplinary/M7/M7_R1_Addendum_Step_4_2017_0331.pdf))].

319 If it is determined that the proposed generic drug product has a significant safety concern that  
320 differs from the CRP that would result in a change to the conditions of use, it would no longer  
321 be considered to have the “same conditions of use” as the CRP and may need to be filed as an  
322 NDS.

## 323 2.5 Labelling

324 A separate draft guidance document entitled Identifying and Labelling Medicinal Ingredients in  
325 New Drug Products ([https://www.canada.ca/en/health-canada/services/drugs-health-  
326 products/public-involvement-consultations/drug-products/drug-products/consultation-profile-  
327 draft-generic-drug-equivalence/document-2.html](https://www.canada.ca/en/health-canada/services/drugs-health-products/public-involvement-consultations/drug-products/drug-products/consultation-profile-draft-generic-drug-equivalence/document-2.html)) has been developed to outline the general  
328 principles and considerations in this area.

329 In most cases, information in the approved Canadian labelling for the CRP should be applied to  
330 the generic drug product, with the exception of additional information that is specific to the  
331 generic drug product.

332 Relevant information from all comparative data versus the CRP should be included in the  
333 Product Monograph for generic drug products which differ from the CRP with respect to the  
334 medicinal ingredient in the dosage form.

335 Information in the approved Canadian labelling that is specific to the CRP should not be directly  
336 transferred, to the labelling of the generic drug product (e.g., new drug containing the new salt  
337 form); however, additional text modifications may be made if supported by appropriate  
338 evidence or justification.

## 339 2.6 Intellectual property considerations

340 Submissions filed under the ANDS pathway are subject to the Patented Medicines (Notice of  
341 Compliance) Regulations and the data protection provisions of section C.08.004.1 of the Food  
342 and Drug Regulations. For more information, please refer to the related guidance documents  
343 entitled Guidance Document: Patented Medicines (Notice of Compliance) Regulations  
344 ([Generic Drug Equivalence: Medicinal Ingredients | 12](https://www.canada.ca/en/health-canada/services/drugs-health-products/drug-products/applications-submissions/guidance-documents/patented-medicines/notice-<br/>345 products/applications-submissions/guidance-documents/patented-medicines/notice-</a></p></div><div data-bbox=)

346 compliance-regulations.html) and Guidance Document: Data Protection under C.08.004.1 of  
347 the Food and Drug Regulations ([https://www.canada.ca/en/health-canada/services/drugs-](https://www.canada.ca/en/health-canada/services/drugs-health-products/drug-products/applications-submissions/guidance-documents/guidance-document-data-protection-under-08-004-1-food-drug-regulations.html)  
348 [health-products/drug-products/applications-submissions/guidance-documents/guidance-](https://www.canada.ca/en/health-canada/services/drugs-health-products/drug-products/applications-submissions/guidance-documents/guidance-document-data-protection-under-08-004-1-food-drug-regulations.html)  
349 [document-data-protection-under-08-004-1-food-drug-regulations.html](https://www.canada.ca/en/health-canada/services/drugs-health-products/drug-products/applications-submissions/guidance-documents/guidance-document-data-protection-under-08-004-1-food-drug-regulations.html)).

## 350 2.7 Notice of Compliance (NOC)

351 Where there is a difference between the medicinal ingredients with the identical  
352 therapeutically active component in the dosage forms of the generic drug product and the CRP,  
353 the Notice of Compliance (NOC) for the generic drug product will make note of this difference.

## 354 2.8 Post-market considerations

### 355 2.8.1 Non opioid containing products

356 The expectations for submission sponsors are outlined in Guidance Document – Submission of  
357 Risk Management Plans and Follow-up Commitments ([https://www.canada.ca/en/health-](https://www.canada.ca/en/health-canada/services/drugs-health-products/reports-publications/medeffect-canada/guidance-document-submission-risk-management-plans-follow-commitments.html)  
358 [canada/services/drugs-health-products/reports-publications/medeffect-canada/guidance-](https://www.canada.ca/en/health-canada/services/drugs-health-products/reports-publications/medeffect-canada/guidance-document-submission-risk-management-plans-follow-commitments.html)  
359 [document-submission-risk-management-plans-follow-commitments.html](https://www.canada.ca/en/health-canada/services/drugs-health-products/reports-publications/medeffect-canada/guidance-document-submission-risk-management-plans-follow-commitments.html)). As outlined in the  
360 guidance document, with the exception of some opioid drugs, the submission of a risk  
361 management plans (RMP) or sections of a RMP are requested by Health Canada for generic  
362 drug products when it is determined that an RMP is required for the establishment of an  
363 adequate risk minimization framework.

364 Health Canada may request an RMP for a generic drug product with a different medicinal  
365 ingredient containing the identical therapeutically active component in comparison to the CRP,  
366 Health Canada may request an RMP. Therefore, sponsors are advised to consult within advance  
367 to determine if may be required in specific cases.

### 368 2.8.2 Opioid containing products

369 Following amendments to the FDR via the Regulations Amending the Food and Drug  
370 Regulations (Opioids) ([http://gazette.gc.ca/rp-pr/p2/2018/2018-05-02/html/sor-dors77-](http://gazette.gc.ca/rp-pr/p2/2018/2018-05-02/html/sor-dors77-eng.html)  
371 [eng.html](http://gazette.gc.ca/rp-pr/p2/2018/2018-05-02/html/sor-dors77-eng.html)), the Minister of Health has the authority to place terms and conditions on  
372 authorizations for opioids to require and enforce RMPs on prescription drugs set out in Part B  
373 of the List of Opioids ([https://www.canada.ca/en/health-canada/services/drugs-health-](https://www.canada.ca/en/health-canada/services/drugs-health-products/reports-publications/medeffect-canada/list-opioids.html)  
374 [products/reports-publications/medeffect-canada/list-opioids.html](https://www.canada.ca/en/health-canada/services/drugs-health-products/reports-publications/medeffect-canada/list-opioids.html)), including generic drug  
375 products which are opioids. The specific requirement regarding RMPs for prescription drugs set  
376 out in Part B of the List of Opioids, including generic drug products which are opioids are  
377 outlined in the document Submission of targeted risk management plans and follow-up  
378 commitments for prescription opioid-containing products - Guidance for industry  
379 ([https://www.canada.ca/en/health-canada/services/drugs-health-products/reports-](https://www.canada.ca/en/health-canada/services/drugs-health-products/reports-publications/medeffect-canada/submission-targeted-rm-plans-commitments-prescription-opioid-containing-products-guidance-industry.html)  
380 [publications/medeffect-canada/submission-targeted-rm-plans-commitments-prescription-](https://www.canada.ca/en/health-canada/services/drugs-health-products/reports-publications/medeffect-canada/submission-targeted-rm-plans-commitments-prescription-opioid-containing-products-guidance-industry.html)  
381 [opioid-containing-products-guidance-industry.html](https://www.canada.ca/en/health-canada/services/drugs-health-products/reports-publications/medeffect-canada/submission-targeted-rm-plans-commitments-prescription-opioid-containing-products-guidance-industry.html)).

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## 383 2. Contact information

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386 Health Products and Food Branch

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390 K1A 0K9

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392 Telephone: 613-946-6829

393 Fax: 613-941-0571

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- <sup>1</sup> “Critical Dose Drug” is defined in Health Canada’s guidance document, Comparative Bioavailability Standards: Formulations used for Systemic Effects (2018) (<https://www.canada.ca/en/health-canada/services/drugs-health-products/drug-products/applications-submissions/guidance-documents/bioavailability-bioequivalence/comparative-bioavailability-standards-formulations-used-systemic-effects.html>)
  - <sup>2</sup> “Critical Dose Drug” is defined in Health Canada’s guidance document, Comparative Bioavailability Standards: Formulations used for Systemic Effects (2018) (<https://www.canada.ca/en/health-canada/services/drugs-health-products/drug-products/applications-submissions/guidance-documents/bioavailability-bioequivalence/comparative-bioavailability-standards-formulations-used-systemic-effects.html>)