



ANDA 210541

ANDA TENTATIVE APPROVAL

Zydus Pharmaceuticals (USA) Inc.
73-B Route 31 North
Pennington, NJ 08534
Attention: Srinivas Gurram
Sr. VP-Head of Reg. Affairs and CQA Lead-Americas

Dear Srinivas Gurram:

This letter is in reference to your abbreviated new drug application (ANDA) received for review on March 29, 2017, submitted pursuant to section 505(j) of the Federal Food, Drug, and Cosmetic Act (FD&C Act) for Canagliflozin Tablets, 100 mg and 300 mg.

Reference is also made to the complete response letter issued by this office on June 2, 2022, and to any amendments thereafter.

We have completed the review of this ANDA and have concluded that adequate information has been presented to demonstrate that the drug meets the requirements for approval under the FD&C Act. We have determined your Canagliflozin Tablets, 100 mg and 300 mg, to be bioequivalent and therapeutically equivalent to the reference listed drug (RLD), Invokana Tablets, 100 mg and 300 mg, of Janssen Pharmaceuticals, Inc. (Janssen).

However, we are unable to grant final approval to your ANDA at this time because of the patent issue noted below. Therefore, the ANDA is **tentatively approved**. This determination is based upon information available to the Agency at this time (e.g., information in your ANDA and the status of current good manufacturing practices (cGMPs) of the facilities used in the manufacturing and testing of the drug product). This determination is subject to change on the basis of new information that may come to our attention. This letter does not address issues related to the 180-day exclusivity provisions under section 505(j)(5)(B)(iv) of the FD&C Act.

The reference listed drug (RLD) upon which you have based your ANDA, Janssen's Invokana Tablets, 100 mg and 300 mg, is subject to periods of patent protection. The following patents and expiration dates are currently listed in the Agency's publication titled *Approved Drug Products with Therapeutic Equivalence Evaluations* (the "Orange Book"):

<u>U.S. Patent Number</u>	<u>Expiration Date</u>
7,943,582 (the '582 patent)	February 26, 2029
7,943,788 (the '788 patent)	July 14, 2027
8,222,219 (the '219 patent)	April 11, 2025
8,513,202 (the '202 patent)	December 3, 2027
10,617,668 (the '668 patent)	May 11, 2031

With respect to the 1) '582, '219, '202, and '668 patents (insofar as it pertains to use code U-2441 for: reduction of risk of major adverse cardiovascular events in the treatment of type 2 diabetes mellitus patients and U-2632 for: reduction of risk of end stage kidney disease, doubling of serum creatinine, cardiovascular death, and hospitalization for heart failure in the treatment of type 2 diabetes mellitus patients) and 2) the '668 patent (insofar as it pertains to use code U-2796 for: reduction of risk of major adverse cardiovascular events in the treatment of type 2 diabetes mellitus patients with 100 mg canagliflozin per day, U-2797 for: reduction of risk of major adverse cardiovascular events in the treatment of type 2 diabetes mellitus patients with 300 mg canagliflozin per day, U-2798 for: reduction of risk of end stage kidney disease, doubling of serum creatinine, cardiovascular death, and hospitalization for heart failure in the treatment of type 2 diabetes mellitus patients with 100 mg canagliflozin per day and U-2799 for: reduction of risk of end stage kidney disease, doubling of serum creatinine, cardiovascular death, and hospitalization for heart failure in the treatment of type 2 diabetes mellitus patients with 300 mg canagliflozin per day) your ANDA contains statements under section 505(j)(2)(A)(viii) of the FD&C Act that these are method-of-use patents that do not claim any indication or other conditions of use for which you are seeking approval under your ANDA.

With respect to the 1) '582, '219, '202, and '668 patents (excluding those portions pertaining to use codes U-2441 for: reduction of risk of major adverse cardiovascular events in the treatment of type 2 diabetes mellitus patients and use code U-2632, for: reduction of risk of end stage kidney disease, doubling of serum creatinine, cardiovascular death, and hospitalization for heart failure in the treatment of type 2 diabetes mellitus patients) and 2) the '668 patent (excluding those portions pertaining to use codes U-2796, for: reduction of risk of major adverse cardiovascular events in the treatment of type 2 diabetes mellitus patients with 100 mg canagliflozin per day, use code U-2797, for: reduction of risk of major adverse cardiovascular events in the treatment of type 2 diabetes mellitus patients with 300 mg canagliflozin per day, use code U-2798 for: reduction of risk of end stage kidney disease, doubling of serum creatinine, cardiovascular death, and hospitalization for heart failure in the treatment of type 2 diabetes mellitus patients with 100 mg canagliflozin per day and use code and U-2799 for: reduction of risk of end stage kidney disease, doubling of serum creatinine, cardiovascular death, and hospitalization for heart failure in the treatment of

type 2 diabetes mellitus patients with 300 mg canagliflozin per day and 3) the '788 patent, your ANDA contains paragraph IV certifications to each of the patents¹ under section 505(j)(2)(A)(vii)(IV) of the FD&C Act stating that the patents are invalid, unenforceable, or will not be infringed by your manufacture, use, or sale of Canagliflozin Tablets, 100 mg and 300 mg, under this ANDA. You have notified the Agency that Zydus Pharmaceuticals (USA) Inc. (Zydus) complied with the requirements of section 505(j)(2)(B) of the FD&C Act. Litigation was initiated within the statutory 45-day period against Zydus for infringement of the '582 and '202 patents in the United States District Court for the District of New Jersey [Mitsubishi Tanabe Pharma Corporation, Janssen Pharmaceuticals, Inc., Janssen Pharmaceutica NV, Janssen Research and Development, LLC, and Cilag GmbH International v. Zydus Pharmaceuticals (USA) Inc., et al., Civil Action No. 17-05005]. You have also notified the Agency that this case has been dismissed. Litigation was also initiated within the statutory 45-day period against Zydus for infringement of the '788 and '219 patents in the United States District Court for the District of New Jersey [Mitsubishi Tanabe Pharma Corporation, et al., v. Sandoz Inc., et al., Civil Action No. 17-05319]. On April 5, 2021, the court ordered that “[p]ursuant to 35 U.S.C. § 271(e)(4)(A), the effective date of any approval of Zydus’s ANDA No. 210541 . . . shall be no earlier than the latest date of expiration of the '788 [and] '219 . . . patents (currently July 14, 2027), including any periods of regulatory exclusivity, such as pediatric exclusivity under 21 U.S.C. § 355a, that the U.S. Food and Drug Administration (‘FDA’) may deem to apply in the future.”² Therefore, final approval cannot be granted until July 14, 2027 as specified in the court order.

Please note that if FDA requires a Risk Evaluation and Mitigation Strategy (REMS) for a listed drug, an ANDA citing that listed drug also will be required to have a REMS. See section 505-1(i) of the FD&C Act.

RESUBMISSION

To request final approval, please submit an amendment titled “FINAL APPROVAL REQUESTED” with enough time to permit FDA review prior to the date you believe that your ANDA will be eligible for final approval. A request for final approval that contains no new data, information, or other changes to the ANDA generally requires a period of 3 months for Agency review. Accordingly, such a request for final approval should be submitted no later than 3 months prior to the date on which you seek approval. A request for final approval that contains substantive changes to this ANDA or changes in the status of the manufacturing and testing facilities’ compliance with cGMPs will be classified and reviewed according to OGD policy in effect at the time of receipt. Applicants should review available Agency guidance for industry related to amendments under the generic drug user fee program to determine the duration of Agency review needed to review the changes submitted. As part of this consideration, applicants should monitor any changes to the RLD that occur after tentative approval, including changes in labeling, patent or exclusivity information, or marketing status. The submission of multiple amendments prior to final approval may also result in a delay in the issuance of the final approval letter.

The amendment requesting final approval should provide the legal/regulatory basis for your request for final approval and should include a copy of a court decision, settlement or licensing agreement, or other information described in 21 CFR 314.107, as appropriate. It should also identify changes, if any, in the conditions under which the ANDA was tentatively approved, e.g., updated information such as final-printed labeling, chemistry, manufacturing, and controls data as appropriate. This amendment should be submitted even if none of these changes were made, and it should be designated clearly in your cover letter as a “FINAL APPROVAL REQUESTED.”

In addition to the amendment requested above, the Agency may request, at any time prior to the date of final approval, that you submit an additional amendment containing information as specified by the Agency. Failure to submit either or, if requested, both types of amendments described above may result in a delay in the issuance of the final approval letter.

This drug product may not be marketed without final Agency approval under section 505(j) of the FD&C Act. The introduction or delivery for introduction into interstate commerce of this drug product before the final approval date is prohibited under section 301 of the FD&C Act. Also, until the Agency issues the final approval letter, this drug product will not be deemed approved for marketing under section 505(j) of the FD&C Act, and will not be listed in the Orange Book. Should you believe that there are grounds for issuing the final approval letter prior to July 14, 2027 you should amend your ANDA accordingly.

ANNUAL FACILITY FEES

The Generic Drug User Fee Amendments of 2012 (GDUFA) (Public Law 112-144, Title III) established certain provisions³ with respect to self-identification of facilities and payment of annual facility fees. ANDAs that identify at least one facility that is referenced in an approved ANDA are subject to the self-identification requirement and payment of an annual facility fee. Self-identification must occur by June 1st of each year for the next fiscal year. Facility fees must be paid each year by the date specified in the *Federal Register* notice announcing facility fee amounts.

All finished dosage forms or active pharmaceutical ingredients manufactured in a facility that has not met its obligations to self-identify or to pay fees when they are due will be deemed misbranded. This means that it will be a violation of federal law to ship these products in interstate commerce or to import them into the United States. Such violations can result in prosecution of those responsible, injunctions, or seizures of misbranded products. Products misbranded because of failure to self-identify or pay facility fees are subject to being denied entry into the United States.

In addition, we note that GDUFA requires that certain non-manufacturing sites and organizations listed in generic drug submissions comply with the self-identification requirement. The failure of any facility, site, or organization to comply with its obligation to self-identify and/or to pay fees when due may raise significant concerns about that

site or organization and is a factor that may increase the likelihood of a site inspection prior to approval. FDA does not expect to give priority to completion of inspections that are required simply because facilities, sites, or organizations fail to comply with the law requiring self-identification or fee payment.

For further information on the status of this ANDA or upon submitting an amendment to the ANDA, please contact LCDR Nicholas Daniel, Regulatory Project Manager, at (240) 402 - 4043.

Sincerely yours,

{See appended electronic signature page}

For Edward M. Sherwood
Director
Office of Regulatory Operations
Office of Generic Drugs
Center for Drug Evaluation and Research

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- ¹ The Agency notes that the '668 patent was submitted to the Agency after submission of your ANDA. Litigation, if any, with respect to this patent would not create a statutory stay of approval.
 - ² Final Judgment, Mitsubishi Tanabe Pharma Corporation et al., v. Sandoz Inc. et al., Civil Action No. 17-05319 (April 5, 2021).
 - ³ Some of these provisions were amended by the Generic Drug User Fee Amendments of 2017 (GDUFA II) (Public Law 115-52, Title III).



Sarah
Kurtz

Digitally signed by Sarah Kurtz

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