



ANDA 090431/S-010

**PRIOR APPROVAL SUPPLEMENT  
APPROVAL – NEW STRENGTH**

Mylan Pharmaceuticals, Inc.  
781 Chestnut Ridge Road  
P.O. Box 4310  
Morgantown, WV 26504-4310  
Attention: Joseph J. Sobecki  
Vice President, Regulatory Affairs

Dear Sir:

This is in reference to your supplemental Abbreviated New Drug Application (sANDA) dated November 5, 2015, submitted pursuant to section 505(j) of the Federal Food, Drug, and Cosmetic Act (FD&C Act), regarding your abbreviated new drug application (ANDA) for Doxycycline Hyclate Delayed-Release Tablets USP, 75 mg and 100 mg.

Reference is also made to the complete response letter issued by this office on April 29, 2016, and to your amendment dated April 29, 2016.

The supplemental application, submitted as a “Prior Approval Supplement,” provides for:

Addition of a new strength, Doxycycline Hyclate Delayed-Release Tablets USP, 50 mg.

We have completed the review of this supplemental application and have concluded that adequate information has been presented to demonstrate that the drug is safe and effective for use as recommended in the submitted labeling. Accordingly the sANDA is **approved**, effective on the date of this letter. The Office of Bioequivalence has determined your Doxycycline Hyclate Delayed-Release Tablets USP, 50 mg, to be bioequivalent and, therefore, therapeutically equivalent to the reference listed drug product (RLD), Doxteric Delayed-Release Tablets, 50 mg, of Mayne Pharma International Pty Ltd. (Mayne). Your dissolution testing should be incorporated into the stability and quality control program using the same method proposed in your application.

We acknowledge that you will conduct the dissolution testing of your test product using the following FDA-recommended dissolution method and specification:

Apparatus	USP Type I (Basket)
Speed of Rotation	100 rpm
Medium	Acid stage: 0.06 N HCl Buffer stage: Neutralized Phthalate Buffer, pH 5.5
Volume	900 mL
Temperature	37±0.5 °C
Acid stage: NMT	(b) (4) % in 20 minutes
Buffer stage: NLT	(b) (4) % in 30 minutes

The RLD upon which you have based your ANDA, Mylan's Doxycycline Hyclate Delayed-Release Tablets, 50 mg, is subject to periods of patent protection. As noted in the agency's publication titled Approved Drug Products with Therapeutic Equivalence Evaluations (the "Orange Book"), U.S. Patent Nos. 6,958,161 (the '161 patent) and 8,715,724 (the '724 patent) are scheduled to expire on December 15, 2022 and February 3, 2028, respectively.

Your ANDA contains paragraph IV certifications to each of the patents 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 Doxycycline Hyclate Delayed-Release Tablets USP, 50 mg, under this ANDA. You have notified the agency that Mylan Pharmaceuticals, Inc. (Mylan) complied with the requirements of section 505(j)(2)(B) of the FD&C Act, and that no action for infringement was brought against Mylan within the statutory 45-day period.

With respect to 180-day generic drug exclusivity, we note that Mylan was the first ANDA applicant to submit a substantially complete ANDA for Doxycycline Hyclate Delayed-Release Tablets USP, 50 mg, with a paragraph IV certification. Therefore, with this approval, Mylan is eligible for 180 days of generic drug exclusivity for Doxycycline Hyclate Delayed-Release Tablets USP, 50 mg. This exclusivity, which is provided for under section 505(j)(5)(B)(iv) of the FD&C Act, will begin to run from the date of the commercial marketing identified in section 505(j)(5)(B)(iv). Please submit correspondence to this ANDA informing the agency of the date of commercial marketing.

Under section 506A of the FD&C Act, certain changes in the conditions described in this ANDA require an approved supplemental application before the change may be made.

Please note that if FDA requires a Risk Evaluation & 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.

Postmarketing reporting requirements for this ANDA are set forth in 21 CFR 314.80-81 and 314.98. The Office of Generic Drugs should be advised of any change in the marketing status of this drug.

Promotional materials may be submitted to FDA for comment prior to publication or dissemination. Please note that these submissions are voluntary. If you desire comments on proposed launch promotional materials with respect to compliance with applicable regulatory

requirements, we recommend you submit, in draft or mock-up form, two copies of both the promotional materials and package insert directly to:

Food and Drug Administration  
Center for Drug Evaluation and Research  
Office of Prescription Drug Promotion  
5901-B Ammendale Road  
Beltsville, MD 20705

We call your attention to 21 CFR 314.81(b)(3) which requires that all promotional materials be submitted to the Office of Prescription Drug Promotion with a completed Form FDA 2253 at the time of their initial use.

The Generic Drug User Fee Amendments of 2012 (GDUFA) (Public Law 112-144, Title III) established certain provisions with respect to self-identification of facilities and payment of annual facility fees. Your sANDA identifies at least one facility that is subject to the self-identification requirement and payment of an annual facility fee. Self-identification must occur by June 1 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 (FDFs) or active pharmaceutical ingredients (APIs) 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.

As soon as possible, but no later than 14 days from the date of this letter, submit, using the FDA automated drug registration and listing system (eLIST), the content of labeling [21 CFR 314.50(l)] in structured product labeling (SPL) format, as described at <http://www.fda.gov/ForIndustry/DataStandards/StructuredProductLabeling/default.htm>, that is identical in content to the approved labeling (including the package insert, and any patient package insert and/or Medication Guide that may be required). Information on submitting SPL files using eLIST may be found in the guidance for industry titled "SPL Standard for Content of Labeling Technical Qs and As" at <http://www.fda.gov/downloads/DrugsGuidanceComplianceRegulatoryInformation/Guidances/UCM072392.pdf>. The SPL will be accessible via publicly available labeling repositories.

Sincerely yours,

**William P.  
Rickman -S**

For Carol A. Holquist, RPh  
Acting Deputy Director  
Office of Regulatory Operations  
Office of Generic Drugs  
Center for Drug Evaluation and Research

Digitally signed by William P. Rickman -S  
DN: c=US, o=U.S. Government, ou=HHS, ou=FDA,  
ou=People,  
0.9.2342.19200300.100.1.1=1300043242,  
cn=William P. Rickman -S  
Date: 2016.05.23 09:19:18 -04'00'