

Food and Drug Administration Silver Spring MD 20993

NDA 017812/S-028 NDA 018421/S-027

## SUPPLEMENT APPROVAL

Roxane Laboratories, Inc Attention: Elizabeth A. Ernst Executive Director, Drug Regulatory Affairs and Medical Affairs 1809 Wilson Road Columbus, OH 43228

Dear Ms. Ernst:

Please refer to your Supplemental New Drug Applications (sNDA) dated September 22, 2011, received September 22, 2011, submitted under section 505(b) of the Federal Food, Drug, and Cosmetic Act (FDCA) for Lithium Carbonate 150 mg, 300 mg, and 600 mg capsules (NDA 17812) and Lithium ion 8 mEq (equivalent to 300 mg lithium carbonate)/ 5 ml Oral Solution (NDA 18421).

We also refer to our letter dated September 13, 2011, notifying you, under Section 505(o)(4) of the FDCA, of new safety information that we believe should be included in the labeling for lithium carbonate capsules and lithium oral solution. This information pertains to the risk of lithium and unmasking of Brugada Syndrome based on new safety information about this risk identified since the product approval.

We additionally refer to an Agency communication dated October 17, 2011, requesting additional revisions to the labeling, and your communication dated October 18, 2011, agreeing to these revisions.

These supplemental new drug applications, submitted as "Prior Approval" supplements provide for revisions to the **WARNINGS**, **ADVERSE REACTIONS-Cardiovascular**, and **PRECAUTIONS-Information for the Patients** sections regarding the unmasking of Brugada Syndrome labeling for lithium carbonate capsules and lithium oral solution consistent with our September 13, 2011, and October 17, 2011 communications.

We have completed our review of these supplemental applications. They are approved, effective on the date of this letter, for use as recommended in the enclosed, agreed-upon labeling text.

## **CONTENT OF LABELING**

As soon as possible, but no later than 14 days from the date of this letter, submit the content of labeling [21 CFR 314.50(l)] in structured product labeling (SPL) format using the FDA

Reference ID: 3031563

automated drug registration and listing system (eLIST), as described at <a href="http://www.fda.gov/ForIndustry/DataStandards/StructuredProductLabeling/default.htm">http://www.fda.gov/ForIndustry/DataStandards/StructuredProductLabeling/default.htm</a>. Content of labeling must be identical to the enclosed labeling (text for the package insert, text for the patient package insert, Medication Guide), with the addition of any labeling changes in pending "Changes Being Effected" (CBE) supplements, as well as annual reportable changes not included in the enclosed labeling.

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 <a href="http://www.fda.gov/downloads/DrugsGuidanceComplianceRegulatoryInformation/Guidances/UCM072392.pdf">http://www.fda.gov/downloads/DrugsGuidanceComplianceRegulatoryInformation/Guidances/UCM072392.pdf</a>.

The SPL will be accessible from publicly available labeling repositories.

Also within 14 days, amend all pending supplemental applications for this NDA, including CBE supplements for which FDA has not yet issued an action letter, with the content of labeling [21 CFR 314.50(l)(1)(i)] in MS Word format, that includes the changes approved in this supplemental application, as well as annual reportable changes and annotate each change. To facilitate review of your submission, provide a highlighted or marked-up copy that shows all changes, as well as a clean Microsoft Word version. The marked-up copy should provide appropriate annotations, including supplement number(s) and annual report date(s).

## PROMOTIONAL MATERIALS

You may request advisory comments on proposed introductory advertising and promotional labeling. To do so, submit the following, in triplicate, (1) a cover letter requesting advisory comments, (2) the proposed materials in draft or mock-up form with annotated references, and (3) the package insert(s) to:

Food and Drug Administration Center for Drug Evaluation and Research Division of Drug Marketing, Advertising, and Communications 5901-B Ammendale Road Beltsville, MD 20705-1266

You must submit final promotional materials and package insert(s), accompanied by a Form FDA 2253, at the time of initial dissemination or publication [21 CFR 314.81(b)(3)(i)]. Form FDA 2253 is available at <a href="http://www.fda.gov/opacom/morechoices/fdaforms/cder.html">http://www.fda.gov/opacom/morechoices/fdaforms/cder.html</a>; instructions are provided on page 2 of the form. For more information about submission of promotional materials to the Division of Drug Marketing, Advertising, and Communications (DDMAC), see <a href="http://www.fda.gov/AboutFDA/CentersOffices/CDER/ucm090142.htm">http://www.fda.gov/AboutFDA/CentersOffices/CDER/ucm090142.htm</a>.

All promotional materials that include representations about your drug product must be promptly revised to be consistent with the labeling changes approved in this supplement, including any new safety information [21 CFR 314.70(a)(4)]. The revisions in your promotional materials should include prominent disclosure of the important new safety information that appears in the revised package labeling. Within 7 days of receipt of this letter, submit your statement of intent to comply with 21 CFR 314.70(a)(4) to the address above or by fax to 301-847-8444.

## **REPORTING REQUIREMENTS**

We remind you that you must comply with reporting requirements for an approved NDA (21 CFR 314.80 and 314.81).

If you have any questions, call Kimberly Updegraff, M.S., Senior Regulatory Project Manager, at (301) 796-2201 or email kimberly.updegraff@fda.hhs.gov

Sincerely,

{See appended electronic signature page}

Thomas Laughren, M.D.
Director
Division of Psychiatry Products
Office of Drug Evaluation I
Center for Drug Evaluation and Research

**ENCLOSURE:** 

Content of Labeling

This is a representation of an electronic record that was signed electronically and this page is the manifestation of the electronic signature.	•
/s/	•
THOMAS P LAUGHREN 10/20/2011	