

NDA 020310 / S-041

**SUPPLEMENT APPROVAL**

Kramer Laboratories  
 Attention: Michael Tune  
 Chief Scientific Officer  
 440 US Highway 22, Suite 210  
 Bridgewater, NJ 08807

Dear Michael Tune:

Please refer to your supplemental new drug application (sNDA) dated and received August 8, 2025, submitted under section 505(b) of the Federal Food, Drug, and Cosmetic Act (FDCA) for Nizoral Anti-Dandruff (ketoconazole) shampoo, 1%.

This “Changes Being Effected” supplemental new drug application provides for the following changes to the Nizoral Anti-Dandruff 2-in-1 Shampoo and Conditioner product:

- Revision of the drug product composition to reflect the inclusion of sodium benzoate as a (b) (4) excipient.
- Revision of labeling to include the inactive ingredient, sodium benzoate.

**APPROVAL & LABELING**

We have completed our review of this application. It is approved, effective on the date of this letter, for use as recommended in the enclosed agreed-upon labeling.

**LABELING**

Submit final printed labeling (FPL), as soon as they are available, but no more than 30 days after they are printed. The FPL must be identical to the enclosed labeling described in the table below and must be in the “Drug Facts” format (21 CFR 201.66), where applicable.

<b>Submitted Labeling for Approval</b>	<b>Date of Submission</b>
2 fl oz outer carton label	8/8/2025
2 fl oz front immediate container label	8/8/2025
2 fl oz back immediate container label	8/8/2025
4 fl oz outer carton label	8/8/2025
4 fl oz front immediate container label	8/8/2025
4 fl oz back immediate container label	8/8/2025
7 fl oz outer carton label	8/8/2025
7 fl oz front immediate container label	8/8/2025

7 fl oz back immediate container label	8/8/2025
11 fl oz outer carton label	8/8/2025
11 fl oz front immediate container label	8/8/2025
11 fl oz back immediate container label	8/8/2025
14 fl oz outer carton label	8/8/2025
14 fl oz front immediate container label	8/8/2025
14 fl oz back immediate container label	8/8/2025

The FPL should be submitted electronically according to the guidance for industry *Providing Regulatory Submissions in Electronic Format — Certain Human Pharmaceutical Product Applications and Related Submissions Using the eCTD Specifications*.<sup>1</sup> For administrative purposes, designate this submission “**Final Printed Labeling for approved NDA 020310 / S-041.**” Approval of this submission by FDA is not required before the labeling is used.

### **DRUG REGISTRATION AND LISTING**

All drug establishment registration and drug listing information is to be submitted to FDA electronically, via the FDA automated system for processing structured product labeling (SPL) files (eLIST). At the time that you submit your final printed labeling (FPL), the content of labeling (Drug Facts) should be submitted in SPL format as described at FDA.gov.<sup>2</sup> Information on submitting SPL files using eLIST may be found in the guidance for industry *SPL Standard for Content of Labeling Technical Qs and As*. In addition, representative container or carton labeling, whichever includes Drug Facts, (where differences exist only in the quantity of contents statement) should be submitted as a JPG file.

### **REPORTING REQUIREMENTS**

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

<sup>1</sup> We update guidances periodically. For the most recent version of a guidance, check the FDA Guidance Documents Database <https://www.fda.gov/RegulatoryInformation/Guidances/default.htm>.

<sup>2</sup> <http://www.fda.gov/ForIndustry/DataStandards/StructuredProductLabeling/default.htm>

If you have any questions, contact Shannon Liu, DPT, Regulatory Project Manager, at 240-402-2484 or [Shannon.liu@fda.hhs.gov](mailto:Shannon.liu@fda.hhs.gov).

Sincerely,

*{See appended electronic signature page}*

Nushin Todd, MD, PhD  
Director  
Division of Nonprescription Drugs I  
Office of Nonprescription Drugs  
Office of New Drugs  
Center for Drug Evaluation and Research

ENCLOSURE(S):

- Carton and Container Labeling

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**This is a representation of an electronic record that was signed electronically. Following this are manifestations of any and all electronic signatures for this electronic record.**  
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/s/  
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NUSHIN F TODD  
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