CENTER FOR DRUG EVALUATION AND RESEARCH

APPLICATION NUMBER: NDA 22-249

MICROBIOLOGY REVIEW(S)



Product Quality Microbiology Review

06 FEB 2008

NDA:

22-249-BC

Drug Product Name

Proprietary:

Treanda® (proposed)

Non-proprietary:

Bendamustine hydrochloride

Drug Product Priority Classification:

Review Number:

2

1P

Dates of Submission(s) Covered by this Review

Letter	Stamp	Review Request	Assigned to Reviewer
07-JAN-2008	08-JAN-2008	08-JAN-2008	08-JAN-2008

Submission History (for amendments only)

Submission Date(s)	Microbiology Review #	Review Date(s)
19-SEP-2007	1	17-DEC-2007
15-NOV-2007	1	17-DEC-2007

Applicant/Sponsor

Name: Address: Cephalon, Inc.

41 Moores Road

Frazer, PA 19355

Representative:

Carol S. Marchione

Senior Director & Group Leader

Regulatory Affairs

Telephone:

610-738-6237

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Name of Reviewer:

Anastasia G. Lolas

Conclusion:

Recommended for approval



Product Quality Microbiology Data Sheet

- A. 1. TYPE OF SUBMISSION: Amendment to a new drug application
 - 2. SUBMISSION PROVIDES FOR: Responses to microbiology questions identified in Microbiology Review #1
 - 3. MANUFACTURING SITE:

Pharmachemie B.V.

Swensweg 5 2003 RN Haarlem The Netherlands

- 4. DOSAGE FORM, ROUTE OF ADMINISTRATION AND STRENGTH/POTENCY:
 - > Lyophilized powder in a 20 mL single-use glass vial
 - > Intravenous infusion
 - ➤ 100 mg
- 5. METHOD(S) OF STERILIZATION:
- 6. PHARMACOLOGICAL CATEGORY: Antineoplastic agent for treatment of patients with chronic lymphocytic lymphoma (CLL)
- B. SUPPORTING/RELATED DOCUMENTS:
 - ➤ Microbiology Review #1 dated 17-DEC-2007
- C. REMARKS: This amendment is an electronic submission and is in response to 6 microbiology questions and 2 comments communicated to the applicant on 17-DEC-2007 (see DFS).

file name: N022249R2.doc

Executive Summary

- I. Recommendations
 - A. Recommendation on Approvability NDA 22-249 is recommended for approval based on product quality microbiology
 - B. Recommendations on Phase 4 Commitments and/or Agreements, if Approvable N/A
- II. Summary of Microbiology Assessments
 - A. Brief Description of the Manufacturing Processes that relate to Product Quality Microbiology The drug product is
 - B. Brief Description of Microbiology Deficiencies None
 - C. Assessment of Risk Due to Microbiology Deficiencies N/A
- III. Administrative
 - A. Reviewer's Signature ______ Anastasia G. Lolas
 - B. Endorsement Block
 Stephen E. Langille, Ph.D.
 - C. CC Block



Page(s) Withheld

Trade Secret / Confidential

_ Draft Labeling

_____ Deliberative Process



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