

CENTER FOR DRUG EVALUATION AND RESEARCH

APPLICATION NUMBER:

50-720/S-001

CHEMISTRY REVIEW(S)

| | | |
|--------------------------------|---------------------------------------|-------------------|
| CHEMIST'S REVIEW | 1. ORGANIZATION | 2. NDA NUMBER |
| | DAIDP (HFD-520) | 50 - 720 |
| 3. NAME & ADDRESS OF APPLICANT | 4. AF NUMBER | 5. SUPPLEMENT(s) |
| | SmithKline Beecham Pharmaceuticals | NUMBER(s) DATE(s) |
| | 1250 S.Collegeville Road, PO Box 5089 | SCM-001 3/27/96 |
| Collegeville, PA 19426-0989 | | |

| | |
|-----------------|-----------------------------------|
| 6. NAME OF DRUG | 7. NONPROPRIETARY NAME |
| Augmentin | Amoxicillin/Clavulanate Potassium |

| | |
|---|---|
| 8. SUPPLEMENT(s) PROVIDES FOR: | 9. AMENDMENTS AND OTHER (REPORTS, etc.) DATES |
| SCM-001: For re-instating the the use of _____ facility for the _____ | none |

| | | |
|------------------------------|-------------------|----------------------------|
| 10. PHARMACOLOGICAL CATEGORY | 11. HOW DISPENSED | 12. RELATED IND/NDA/DMF(s) |
| Antimicrobial | XXX Rx OTC | |

| | |
|--------------------|---|
| 13. DOSAGE FORM(s) | 14. POTENCY(ies) |
| Tablet | Amoxicillin 875 mg/Clavulanate potassium 125mg/Tablet |

15. CHEMICAL NAME AND STRUCTURE
 Amoxicillin C₁₆H₁₉N₃O₅S.3H₂O
 (2S,5R,6R)-6-[(R)-(-)-2-Amino-2-(p-hydroxyphenyl)acetamido]-3,3-dimethyl-7-oxo-4-thia-1-azabicyclo[3.2.0]-heptane-2-carboxylic acid trihydrate
 m.w. 419.46
 CAS Registry No. 61336-70-7

Clavulanate potassium C₈H₈KNO₅
 Potassium (Z)-(2R,5R)-3-(2-hydroxyethylidene)-7-oxo-4-oxa-1-azabicyclo[3.2.0]-heptane-2-carboxylate
 m.w. 237.25
 CAS Registry No. 61177-45-5

16. RECORDS AND REPORTS
 CURRENT Yes _____ No _____
 REVIEWED Yes _____ No _____

17. COMMENTS
 This drug is the subject of a compendial monograph, USP 23, page 104. See items 20-34 for detailed comments.

18. CONCLUSIONS AND RECOMMENDATIONS
 Recommend approval letter to issue for this supplement.

cc: Orig: NDA 50-720 HFC-130/JAllen
 HFD-520 HFD-520/Roberts
 HFD-520/Buko HFD-520/Cintron
 HFD-520/SPagay HFD-520/SBRoy:R/D initialed *IS/11/3/96*

| | | |
|-----------------------|--------------------|----------------|
| 19. NAME | REVIEWER SIGNATURE | DATE COMPLETED |
| Shrikant Pagay, Ph.D. | <i>IS/</i> | 5/10/96 |

| | | | |
|--------------|-----------------|----------|---------------|
| DISTRIBUTION | ORIGINAL JACKET | REVIEWER | DIVISION FILE |
|--------------|-----------------|----------|---------------|

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20. Components and Composition: NA
21. Facilities and Personnel: NA
22. Synthesis: NA
23. Raw Material Controls: NA
a. New Drug Substance
b. Other Ingredients
24. Other Firm(s): NA
25. Manufacturing and Processing: NA
26. Container/Closure: NA
27. Packaging and Labeling: NA
28. Laboratory Controls (In-process and Finished Dosage Form): NA
29. Stability: NA
30. Control Numbers: NA
31. Samples and Results: NA
a. Validation
b. Market Package
32. Labeling: NA
33. Establishment Inspection 7

On February 2, 1996, the firm withdrew the
Facility as a source of
since it was outside the 2 year compliance period (GMP
inspection) and consequently had an impact on the
approvability of the NDA application. The facility was
inspected on March 14, 1996 and the inspection was
satisfactory (report attached -).

34. Recalls: NA