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| Product:<br>Grade:<br>Code: | CI<br>AMPICILLIN, SODIUM<br>USP GRADE<br>0339 | ERTIFICATE OF QUA<br>I SALT | LITY |              |                    |
|-----------------------------|---|-----------------------------|------|--------------|--------------------|
| Appearance:                 | White to off-white crystalline powder         |                             |      |              |                    |
| Mol. Formula:               | C16H18N3NaO4S                                 |                             |      |              |                    |
| Mol. Weight:                | 371.39  |                             |      |              |                    |
| Description:                |   |                             |      |              |                    |
| <u>Assay:</u>               |   | <u>Min</u>                  | Max  | <u>Units</u> | <b>Disposition</b> |
| Crystallinity               |   | PASS                        |      | P/F          | PASS               |
| Dimethylaniline (P/F)       |   | PASS                        |      | P/F          | PASS               |
| Expiration Date             |   | REPORT                      |      |              | PASS               |
| Identification              |   | PASS                        |      | P/F          | PASS               |
| Methylene Chloride          |   |                             | 0.2  | %            | PASS               |
| pH (1%, Water) @25C         |   | 8.0                         | 10.0 |              | PASS               |
| Potency (anhydrous)         |   | 845                         | 988  | mcg/mg       | PASS               |
| Potency (as is)             |   | REPORT                      |      | mcg/mg       | PASS               |
| Water (KF)                  |   |                             | 2.0  | %            | PASS               |

Store cold. Keep dry. Warm to room temperature before opening. Storage:

| 0339USP    | This signature indicates that the above material has met all quality specifications and has been reviewed by a quality representative. |
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| Signature: | Rohi Curcher   |

KOLi Lucker

Title:

QC MANAGER

6/4/2012

Date: