

## Certificate of Analysis

**PRODUCT:** **Ticarcillin, Disodium Salt**  
**C<sub>15</sub>H<sub>14</sub>N<sub>2</sub>Na<sub>2</sub>O<sub>6</sub>S<sub>2</sub>; M.W. 428.4 CAS #: [4697-14-7]**

**PRODUCT NUMBER:** T-2721

**LOT NUMBER:** L1313

**APPEARANCE:** White to yellow crystalline powder

### RESULTS:

**ASSAY**  
(Ticarcillin, dried basis): 885µg/mg

**ASSAY**  
**Ticarcillin Content** (dried basis): 88.5%

**IDENTIFICATION (A,B):** Positive

**SPECIFIC ROTATION:** +184.0°

**pH:** 6.7

**WATER** 2.4%

**BACTERIAL ENDOTOXINS:** <0.05 EU/mg

**RELATED SUBSTANCES:**

**LARGEST IMPURITY:** 0.48%

**SECOND IMPURITY:** 0.28%

**HEAVY METALS:** <10ppm

**STORAGE & HANDLING:** **Store desiccated at +4°C.**

CAUTION: For laboratory research & scientific manufacturing use only. Not for human or drug use. The pharmacological and toxicological properties of this product have not been fully investigated. Use caution when handling. Do not use this compound if you are not fully trained or are unaware of the hazards involved.

Verified: KLS