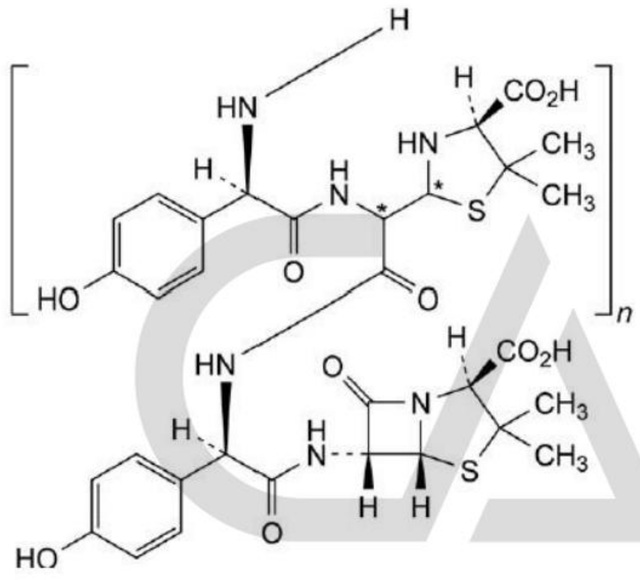
# Certificate of Analysis

## Reference Material & Standard

| | | | |
|---|---|---|---|
| **Product Name:** | Amoxicillin EP Impurity J(Mixture) | **Catalogue Number:** | C4X-11489 |
| **Synonyms:** | N/A | **Lot Number:** | 0408-RG-0007 |
| **CAS Number:** | 73590-06-4 | **Expiry Date:** | Apr 02, 2028 |
| **Molecular Formula:** | $C_{32}H_{38}N_6O_{10}S_2$(Dimer) | **Storage:** | -20°C±5°C Protected from light and Sealed |
| **Molecular Weight:** | 730.81(Dimer) | **Shipping Condition:** | Shipping with Ice Packs |
| | | **Warning:** |  |

**Chemical Structure:**



| Test Items | Method | Results |
|---|---|---|
| **Appearance** | Visual inspection | White Solid |
| **Identification** | LCMS&CNMR&HNMR | Confirmed |
| **Purity** | HPLC | 95.5% |
| **Assay** | qNMR | 91.3% |

CATO Research Chemicals Inc.

**Signature:**

Prepared by: Reviewed by: Approved by General Manager:

Date: Sep 01, 2026 Date: Sep 01, 2026 Date: Sep 01, 2026