

Certificate of Analysis

Product Description: Aztreonam

Catalog Number: 150415

Lot: YC10021

Formula : C₁₃H₁₇N₅O₈S₂
CAS #: 78110-38-0

Physical Description: White Powder

Formula Weight: 435.44

Storage: 2 - 8°C

Test	Specification	Result
Identity test	Passes	Passes
Potency (as is)	Report Result (µg/ mg)	991 µg/mg

Endotoxins: <0.17 EU/mg

Residue on Ignition:

0.02% Water Content:

0.3% Residual Solvents:

-Methanol: Not Detected

-Acetone: 0.03%

-Dichloromethane: 0.027%

-Residual Ethanol: 1.1%

Related Substances:

-Open Ring Aztreonam & Desulfated Aztreonam: 0.16%

-Aztreonam E-isomer: 0.10%

-Aztreonam Ethyl Ester: Not Detected

-Desulfated Aztreonam: 0.28%

-Any Other Single Impurity: 0.07%

-Total Impurities: 0.60%

Recommended Retest Date (MM/DD/YYYY): 09/30/2024



10/24/2022 - Lily Liu

MP Biomedicals, LLC.

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