

# Certificate of Analysis

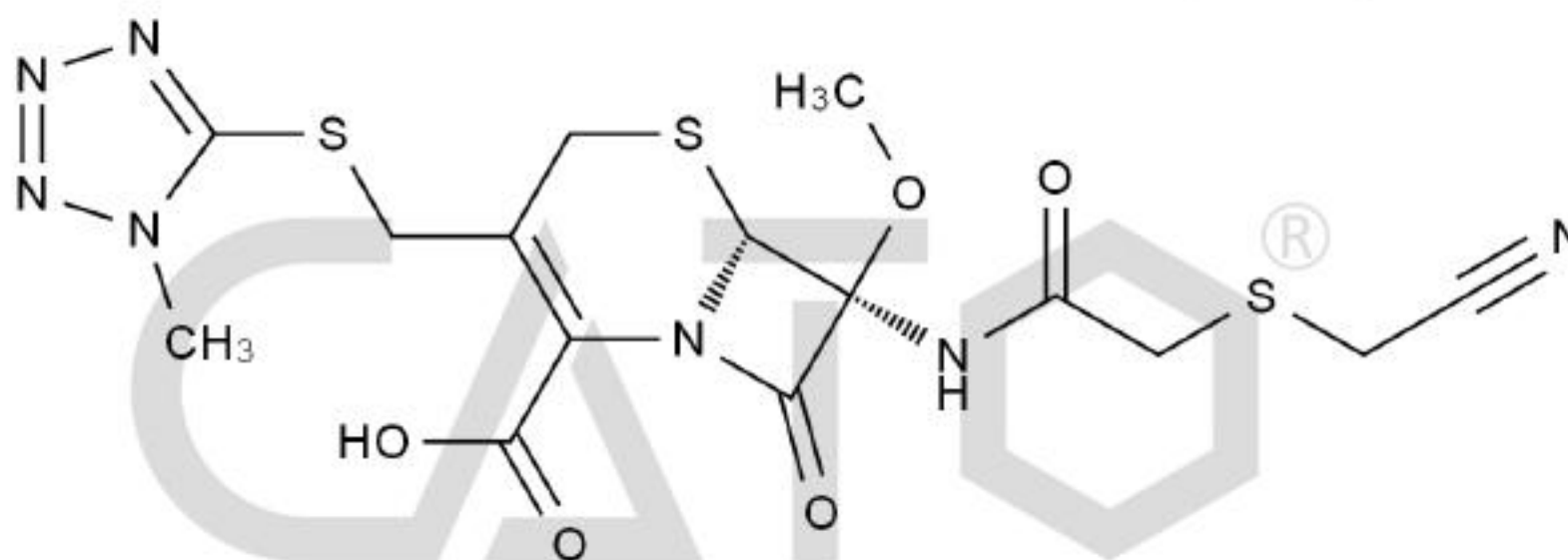
## Reference Material & Standard

|                    |                                                                              |                   |                                           |
|--------------------|------------------------------------------------------------------------------|-------------------|-------------------------------------------|
| Product Name:      | Cefmetazole                                                                  | Catalogue Number: | CCAD301410                                |
| Synonyms:          | N/A                                                                          | Lot Number:       | 1007-SA-7324                              |
| CAS Number:        | 56796-20-4                                                                   | Expiry Date:      | Oct 06, 28                                |
| Molecular Formula: | C <sub>15</sub> H <sub>17</sub> N <sub>7</sub> O <sub>5</sub> S <sub>3</sub> | Storage:          | -20°C±5°C Protected from light and Sealed |
| Molecular Weight:  | 471.53                                                                       |                   |                                           |

Warning:



Chemical Structure:



### Test Items

Appearance

Identification:

Purity:

Uncertainty

### Method

Visual inspection

LC&HNMR

HPLC

### Results

Solid

Confirmed

96.642%

±2.0%

## Comment:

The uncertainty values are the expanded uncertainty and represent an estimated standard deviation equal to the positive square root of the total variation of the uncertainty of components. A normal distribution is assumed and a coverage factor of K=2 is chosen using approximately a 95% confidence level.

Signature:

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Date: Oct 07, 24

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Date: Oct 07, 24



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## Directions:

- 1. Intended use: This product is suitable for identification and quantification of the analyte(s), instrument calibration, method development and quality control in analytical and R&D applications. It is not intended for administration to humans or animals, and shall not be used to diagnose, treat or cure any diseases.*
- 2. Minimum sample size: 1mg is recommended as the minimum sample size.*
- 3. Metrological traceability: This product meets the requirements of ISO 17034 and is traceable to NMI through an unbroken chain of comparisons.*
- 4. Instructions for handling and correct use: Handling in a well-ventilated place.*

## Document Version:

| Revision No. | Date       | Reason for Revision |
|--------------|------------|---------------------|
| 01           | Oct 07, 24 | First release.      |

