



CERTIFICATE OF ANALYSIS

Product : **OXYTETRACYCLINE HYDROCHLORIDE**
Product number : 00140
Batch number : 019171
Date of analysis : 24-06-2024
Date of expiry : 30-06-2027

Packaging and storage : store at room temperature in a well-closed container, protected from light

| Description | SPECIFICATION | RESULT | UNITS | REMARKS |
|---------------------------|---|----------------------|-------|--------------------------|
| Solubility | yellow, crystalline powder freely soluble in water, sparingly soluble in alcohol. Solutions in water become turbid on standing. | complies complies | | hygroscopic |
| Impurity A | ≤ 0.5 | 0.3 | % | |
| Impurity B | ≤ 2.0 | 0.5 | % | |
| Impurity C | ≤ 2.0 | 1.2 | % | |
| Impurity D, E, & F | ≤ 2.0 | 1.2 | % | |
| Any other impurity | ≤ 0.1 | 0.05 | % | |
| Specific optical rotation | -188 to -200 | -194 | ° | |
| Water | ≤ 2.0 | 0.3 | % | Karl Fischer |
| Sulphated ash | ≤ 0.5 | 0.2 | % | |
| Assay | ≥ 95.0 | 95.5 | % | HPLC, dried substance |

This certificate of analysis is conform the results of the manufacturer.

Conclusion: approved

Released by:

Date: 26-03-2025

Q. de Hoog, MSc, pharmacist
Department of Quality Control Duchefa B.V.

The buyer is responsible to test each batch to ensure the product is suitable for their specific purpose.

Duchefa Biochemie B.V.