

## Product Specification

Product Name:

Oxytetracycline dihydrate - Assay (anhydrous basis) 95.0%-102.0%

Product Number:

O4636

CAS Number:

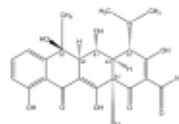
6153-64-6

Formula:

C<sub>22</sub>H<sub>24</sub>N<sub>2</sub>O<sub>9</sub> · 2H<sub>2</sub>O

Formula Weight:

496,46 g/mol



TEST	Specification
Appearance (Form) Powder or Crystals	Conforms
Appearance (Color)	Yellow
Sulfated Ash	≤ 0.5 %
Identification TLC	Conforms
Optical Rotation	-216 - -203 °
UV Absorbance (353 nm)	290 - 310 nm
Water	6.0 - 9.0 %
Assay (HPLC Anhydrous Basis)	95.0 - 102.0 %
Recommended Retest Period 12 Years	-----

Specification: PRE.8.ZQ5.10000010664

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at [Sigma-Aldrich.com](http://Sigma-Aldrich.com). For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.

