

# CERTIFICATE OF ANALYSIS

Product Description      TETRACYCLINE HYDROCHLORIDE SOLUTION (10 MG/ML)  
Product Number        T7859  
Lot Number              11F7859001  
Storage Temperature   -20 °C  
Molecular Weight      480.94  
Formula                  C<sub>22</sub>H<sub>24</sub>N<sub>2</sub>O<sub>8</sub> • HCl  
CAS Number             64-75-5

## Physicochemical Specifications:

| TEST                     | SPECIFICATION        | RESULTS        |
|--------------------------|----------------------|----------------|
| Solubility               | Miscible in Water    | Passes         |
| Physical Appearance      |                      |                |
| Color*                   | Under Development    | 2023-40 Yellow |
| Clarity                  | Clear Liquid         | Clear Liquid   |
| Insolubles               | None                 | Passes         |
| Potency of Raw Materials | For Information Only | 968 µg/mg      |
| Purity of Raw Materials  | For Information Only | 97.4%          |

\* Product color based upon comparisons between sample and standardized color wheel (Benjamin Moore® Color Preview™).

The material described in this certificate was manufactured in the United States of America and is synthetic in nature. No animal- or plant-derived components were used in the manufacture of this product. The material described in this certificate is synthetic. No animal- or plant-derived components were used in the manufacture of this product.

**PhytoTech Labs Inc. provides the above information intended to be used only as a guide to the appropriate handling of this material by a properly trained person. PhytoTech Labs Inc. shall not be held liable for any damage resulting from handling or from contact with the above product. This product is intended for LABORATORY USE ONLY. Our products may NOT BE USED as drugs, cosmetics, agricultural or pesticidal products, food additives or as household chemicals.**

Date of Release: 17-December-2019  
Recommended Shelf Life Date: December-2021



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