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## Certificate of Analysis

**Product Description:** 2,3,5-Triphenyltetrazolium Chloride\_

**Catalog Number:** 199892\_

**Lot:** MR30284\_

**Formula:** C<sub>19</sub>H<sub>15</sub>ClN<sub>4</sub>

**CAS #:** 298-96-4

**Physical Description:** Tan Powder

**Formula Weight:** 334.80

**Storage:** +4°C, protect from light

Test	Specification	Result
Identity Test	Passes	Passes

FTIR: Conforms to Standard

pH (0.1% aq soln): 4.34

λ max (water): 247 nm

Loss on Drying: 0.65%

Assay (by Titration): 99.30%

Melting Point: 242°C

Residue on Ignition: 0.03%

Solubility (0.1 g/10 ml Ethanol): Clear and Complete

Solubility (10 mg/10 ml Water): Clear and Complete

04/11/2013 - Christina Marotta

MP Biomedicals, LLC.

Technical Director

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Online Ordering, MSDSs, certificates of analysis and data sheets now available on our web site

Technical Service: 1-800-279-5490 (440-337-1200) Customer Service: 1-800-854-0530 (440-337-1200)