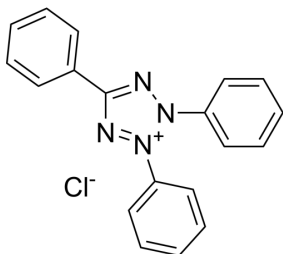


## Certificate of Analysis

**Product Name:** Tetrazolium Red  
**Cat. No.:** CS-3521  
**CAS No.:** 298-96-4  
**Batch No.:** 44407  
**Chemical Name:** 2H-Tetrazolium, 2,3,5-triphenyl-, chloride (1:1)

### PHYSICAL AND CHEMICAL PROPERTIES

**Molecular Formula:** C<sub>19</sub>H<sub>15</sub>ClN<sub>4</sub>  
**Molecular Weight:** 334.80  
**Storage:** 2-8°C, sealed storage, away from moisture and light  
**Chemical Structure:**



### ANALYTICAL DATA

**Appearance:** White to light yellow (Solid)  
**LCMS:** Consistent with structure  
**Purity (LCMS):** 98.26%  
**Water:** 0.23  
**Loss On Drying:** 0.5  
**Residue on Ignition:** 0.30%  
**PH:** 10.5  
**Conclusion:** The product has been tested and complies with the given specifications.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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