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## Product Specification

**Product Name:**

Thiazolyl Blue Tetrazolium Bromide – powder, BioReagent, suitable for cell culture, suitable for insect cell culture, ≥97.5% (HPLC)

**Product Number:****M5655****CAS Number:**

298-93-1

**MDL:**

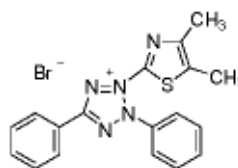
MFCD00011964

**Formula:**C<sub>18</sub>H<sub>16</sub>BrN<sub>5</sub>S**Formula Weight:**

414.32 g/mol

**Storage Temperature:**

2 - 8 °C

**TEST****Specification**

Appearance (Color)

Yellow to Dark Yellow

Appearance (Form)

Powder

Infrared spectrum

Conforms to Structure

Insect Cell Test

Pass

Performance

Pass

Purity (HPLC)

≥ 97.5 %

Solubility (Turbidity)

Clear

c = 5mg/ml; Water

Solubility (Color)

Yellow to Very Dark Yellow and

Green-Yellow to Very Dark Green-Yellow and Yellow-Green

Recommended Retest Period

5 Years

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.