

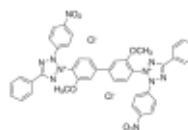
3050 Spruce Street, Saint Louis, MO 63103, USA

Website: www.sigmaaldrich.comEmail USA: techserv@sial.comOutside USA: eurtechserv@sial.com

Product Specification

Product Name:
NITROTETRAZOLIUM BLUE CHLORIDE, POWDER,

Product Number: **N6639**
 CAS Number: 298-83-9
 MDL: MFCD00012159
 Formula: C₄₀H₃₀Cl₂N₁₀O₆
 Formula Weight: 817.64 g/mol
 Storage Temperature: 2 - 8 °C



| TEST | Specification |
|------|---------------|
|------|---------------|

| | |
|---|--|
| Appearance (Color) | Yellow |
| Appearance (Form) | Powder |
| Solubility (Turbidity) | Clear |
| 10mg/ml, H ₂ O | |
| Solubility (Color) | Very Light Green -Yellow to Dark Green-Yellow to Dark Yellow |
| Infrared spectrum | Conforms to Structure |
| Water (by Karl Fischer) | ≤ 4.5 % |
| Solvent Content (by GC) | ≤ 10.0 % |
| Nitrogen | 16.4 - 17.9 % |
| Corrected For Water and Solvent Content | |
| Suitability | Suitable |
| Suitable for Detection of Alkaline Phosphatase Conjugates in Nucleic Acid Probe Detection Systems | |
| Purity (HPLC) | ≥ 90.0 % |
| Recommended Retest Period | ----- |
| 3 Years | |

Specification: PRD.8.ZQ5.10000025984

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. 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.

