



## Specification

### Tetrazolium Blue

**Catalog Number:** TB1015  
**CAS Number:** 1871-22-3  
**Synonym(s):** Tetrazolium blue chloride; Dimethoxyneotetrazolium chloride; 3,3-(3,3-Dimethoxy-4,4-biphenylene)bis(2,5-diphenyl-2,5-diphenyl-2H-tetrazolium chloride; 3,3-Dianisole-4,4-bis(3,5-diphenyltetrazolium chloride)  
**Molecular Formula:** C<sub>40</sub>H<sub>32</sub>Cl<sub>2</sub>N<sub>8</sub>O<sub>2</sub>  
**Molecular Weight:** 727.66

Test	Specification
Appearance:	Yellow microcrystalline powder
Assay (HPLC):	90.0 % minimum
Melting Point:	~255 deg. C
Sulfated Ash:	0.2% maximum
Solubility: (50mg/ml, in methanol)	Clear yellow to yellow-green solution.

Approved:

Date: April 21, 2020

John Grubb, PhD  
Gojira Fine Chemicals  
Quality Manager  
Tel: 440-252-5397, Fax: 888-211-5523  
[docsupport@gojirafc.com](mailto:docsupport@gojirafc.com)