



## Specification

### Tetranitroblue Tetrazolium Chloride

**Catalog Number:** TT1002  
**CAS Number:** 1184-43-6  
**Synonym(s):** TNBT 3,3-(Dimethoxy-4,4-biphenylene)bis(2-5 p- nitophenyl)-2H-tetrazolium chloride; Tetranitrotetrazolium blue chloride  
**Molecular Formula:** C40H28Cl2N12O10  
**Molecular Weight:** 907.63

Test	Specification
Appearance:	Yellow crystalline Powder
Identification (IR):	Conforms to structure
Assay (Titration):	96 % minimum
Melting Point:	~ 170° C
Solubility: (0.005% in H2O)	Yellow 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)