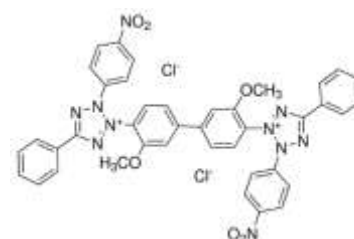


NITRO B.T. AR USED FOR ESTIMATING DEHYDROGENASE ENZYMES TOTALLY SOLUBLE FORMAZAN FREE

PRODUCT CODE	309545
SYNONYMS	(P-Nitro blue tetrazolium chloride)
C.I. NO.	--
CASR NO.	(298-83-9)
ATOMIC OR MOLECULAR FORMULA	C ₄₀ H ₃₀ N ₁₀ O ₆ Cl ₂
ATOMIC OR MOLECULAR WEIGHT	817.65
PROPERTIES	--





PARAMETER	LIMIT
Description	Yellow powder/crystalline powder.
Solubility	2% solution in methanol is clear dark yellow in colour.
Identification (FTIR)	Conforms.
Minimum Assay (HPLC)	95.0%
Absorption maximum 20 ppm (in methanol)	255-260 nm
Suitability for microscopy	To pass the test.

MAXIMUM LIMIT OF IMPURITIES

Loss on drying (at 105°C)	10.0%
Sulphated ash	0.1%

Note(s): 1] Assay (if applicable) method mentioned.
2] storage 0.8°C

DANGER Hazard statements : Harmful if swallowed May cause allergic or asthmatic symptoms or breathing difficulties if inhaled May cause allergic skin reaction Precautionary statements Prevention : Avoid breathing dust/fume/gas/mist/vapours/spray. In case of inadequate ventilation wear respiratory protection. Contaminated clothing should not be allowed out of the workplace. Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product. Response : IF INHALED: If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing. If skin irritation or rash occurs, seek medical advice/attention. If experiencing respiratory symptoms call a POISON CENTER or doctor/physician. Specific treatment: refer to Label or MSDS. IF ON SKIN: Gently wash with plenty of soap and water. Wash contaminated clothing before reuse. Disposal: Dispose of contents and container in accordance with relevant legislation.	IMDG Code : UN No. : IATA :
--	-----------------------------------

Hazard Pictogram(s) : <div style="display: flex; justify-content: space-around; align-items: center;">   </div> <div style="display: flex; justify-content: space-around; align-items: center;"> GHS07 GHS08 </div>
--

Replace date 17-Dec-2025