

Product Information

TECHNICAL DATA SHEET / Specification Sheet

Nitroblue tetrazolium chloride (NBT)

Molecular Formula : $C_{40}H_{30}N_{10}O_6Cl_2$
Molecular Weight : 817.64
CAS No. : 298-83-9
Shelf Life : 5 years

Technical Specification

Appearance : Yellow crystals or powder
Solubility : 33.3 mg soluble in 1 mL of methanol
DNase : None detected
RNase : None detected
FTIR : Matches with the standard pattern
Absorption maxima : 255 - 260 nm (20 ppm in methanol)
Water (K.F.) : $\leq 10.00\%$
Assay (AT) : 98.00 - 102.00%