

Certificate of Analysis

Product Name: DTNB (Ellman's Reagent)
Cat #: D-250
CAS #: 69-78-3
Lot #: Lot Specific
Retest Date: Lot Specific
Storage:[†] Store desiccated at 4°C. Protect from light.

Test	Specs	Results
Color	white to yellow	light yellow
Form	crystalline powder	crystalline powder
Color of Solution (1% in acetone)	colorless to slightly yellow	slightly yellow
Turbidity (1% in acetone)	max. 4.0 NTU	0.2 NTU
Water Content (K. Fischer)	max. 1.0%	0.1%
Sodium Hydroxide Titration (0.1 mol/L) (in ethanol)	99.0 - 101.0%	99.7%
Molar Extinction Coefficient (at 412 nm after reaction with 2-mercaptoethanol)	13600 - 14250 L/(mol cm)	14078 L/(mol cm)
FT-IR Spectrum	corresponds to reference spectrum	corresponds

* Gold Biotechnology, Inc. provides this Certificate of Analysis in good faith and to the best of its knowledge. It should not be substituted for the user's own raw material quality control. This material is for laboratory use only.

† Storage at listed temperature applies to retest date (if shown) or two years from purchase date. Check label for long term storage conditions, which may extend the product beyond the retest date and/or greater than two years from purchase.

Gold Biotechnology, Inc.
 1328 Ashby Rd.
 St. Louis, MO 63132
P: (314)890-8778
F: (314)890-0503
E: contactgoldbio86@goldbio.com