



Product Specification

Product Name: DTE (Dithioerythritol)
Cat #: D-260
CAS #: 6892-68-8
Storage: Store desiccated at -20°C. Protect from light.

Test	Specifications
Color	white or colorless
Form	crystalline powder to crystals
Color of Solution (10% in water)	colorless
Turbidity (1% in water)	max. 4.0 NTU
Loss on Drying (40°C, 3 h, vacuum)	max. 3.0%
Melting Point	82 to 86°C
UV-Absorption (96 mg in 25 ml water, at 260 nm)	max. 0.120 AU
UV-Absorption (96 mg in 25 ml water, at 280 nm)	max. 0.040 AU
Iodometric Titration	99.0 to 101.0%
TLC (100 mg in 3 ml acetone; diethylether/toluene 1:1; UV 254 nm, ninhydrin)	corresponds to reference material
TLC (100 mg in 3 ml acetone; methanol/chloroform 1:9; UV 254 nm, ninhydrin)	corresponds to reference material
Impurity (oxidized product; UV at 283 nm)	max. 0.2%
FT-IR Spectrum	corresponds to reference spectrum

GOLD BIOTECHNOLOGY, INC. provides this Product Specification in good faith. Specifications are subject to change.

Gold Biotechnology, Inc.

1328 Ashby Rd.

St. Louis, MO 63132

P: (314)890-8778

F: (314)890-0503

E: contactgoldbio86@goldbio.com



Product Specification

Product Name: DTE (Dithioerythritol)
Cat #: D-260
CAS #: 6892-68-8
Storage: Store desiccated at -20°C. Protect from light.

Test	Specifications
------	----------------

GOLD BIOTECHNOLOGY, INC. provides this Product Specification in good faith. Specifications are subject to change.

Gold Biotechnology, Inc.

1328 Ashby Rd.

St. Louis, MO 63132

P: (314)890-8778

F: (314)890-0503

E: contactgoldbio86@goldbio.com