

## Certificate of Analysis

**Product Name:** DTT (Dithiothreitol)  
**Cat #:** AD0810  
**CAS #:** 3483-12-3  
**Lot #:** IJUN13  
**Storage:** Store desiccated at -20°C.

Test	Specs	Results
Description	White powder	Conforms
Solubility (50 mg/ml in aqueous solution)	Clear, colorless solution	Conforms
Melting Range	41-44°C	Conforms
UV Absorbance (260 nm) (0.1M Solution)	≤0.400	Conforms
UV Absorbance (280 nm) (0.1M Solution)	≤0.100	Conforms
pH/Acidity (0.1M Solution in H <sub>2</sub> O)	pH 4.0-6.5	Conforms
Assay by GC	>99.0%	99.3%

BIONOVAS, 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. If provided, the Certificate of Analysis (COA) retest date corresponds to the recommended storage conditions provided on the COA. If no retest date is shown, the shelf-life for products is 2 years after purchase when stored according to COA recommendations. Retest dates are not rigid, and often only serve an informational purpose. COA retest dates are supplied by the manufacturer; however, BIONOVAS product labels may contain different storage recommendations to extend the life of the product beyond the manufacturer retest date or 2 years from purchase.