

# Certificate of Analysis



SCIENTIFIC

800-253-4942 • [IBISCI.com](http://IBISCI.com)

An ISO 9001 Certified Company

## DTT-Dithiothreitol (Cleland's Reagent)

### PRODUCT NUMBER

IB21040 \_\_\_\_\_ 5gm

### LOT NO.

Lot# \_\_\_\_\_ 19D0152

### STORAGE

Store at room temperature. Keep tightly sealed.

### CAS NO.

CAS# \_\_\_\_\_ 3483-12-3

### SPECIFICATIONS

	Specification	Analysis	Disposition
Abs @260nm (0.1M, Water)	Report	0.3474	PASS
Abs @280nm (0.1M, Water)	Report	0.0248	PASS
Abs @283nm (0.02M, Water)	Report	0.0044	PASS
DNase assay	PASS / FAIL	None detected	PASS
IR	PASS / FAIL	None detected	PASS
Loss on Drying	≤ 0.5%	0.03%	PASS
Melting Point	39 - 43C	41C	PASS
Oxidized DTT	≤ 0.5%	0.1%	PASS
Protease assay	PASS / FAIL	None detected	PASS
Purity (-SH Content)	≥ 99.4%	99.8%	PASS
RNase assay	PASS / FAIL	None detected	PASS
Solubility (5%, Water)	PASS / FAIL	PASS	PASS

### DATE OF

Manufacture Date: \_\_\_\_\_ 04/23/2018

Reassay Date: \_\_\_\_\_ 04/30/2020

### CERTIFICATION

We certify that this batch conforms to the specifications listed above and has been reviewed by a quality representative. This document has been electronically produced and signed by IBI SCIENTIFIC.

Toby Frericks  
Quality Control

06/13/19  
Date

FOR RESEARCH AND DEVELOPMENT PURPOSES ONLY

Building Quality Scientific.

IBI SCIENTIFIC • 7445 Chavenelle Road • Dubuque, IA 52002-9664 • USA