

# Certificate of Analysis



SCIENTIFIC

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## DTT-Dithiothreitol (Cleland's Reagent)

### PRODUCT NUMBER

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

### LOT NO.

Lot# \_\_\_\_\_ 21C5001

### STORAGE

Store at room temperature. Keep tightly sealed.

### CAS NO.

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

### SPECIFICATIONS

	Specification	Analysis	Disposition
Description	White Powder	White Powder	PASS
Solubility (10% w/v in H <sub>2</sub> O)	Clear, colorless solution	Clear, colorless solution	PASS
Heavy Metals	≤ 5ppm	≤ 5ppm	PASS
pH (0.1M in aqueous solution)	4.0 - 6.5	5.63	PASS
Melting Range	40 - 44°C	40.3 - 43.9°C	PASS
UV Absorbance (280nm / 0.1M aqueous solution)	< 0.100	0.055	PASS
UV Absorbance (260nm / 0.1M aqueous solution)	< 0.062	0.379	PASS
Assay	> 99.0%	100.61%	PASS

### DATE OF

Manufacture Date: \_\_\_\_\_ 03/04/2021

Reassay Date: \_\_\_\_\_ 01/2020

### 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

04/01/21  
Date

FOR RESEARCH AND DEVELOPMENT PURPOSES ONLY

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