



INDOFINE Chemical Company, Inc.

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-CERTIFICATE OF ANALYSIS-

Product:	(+/-) Dithiothreitol
Code No:	MB1015
CAS No:	3483-12-3
Formula:	C ₄ H ₁₀ O ₂ S ₂
Batch #:	456118
Appearance:	White crystalline solid
Melting Point:	42.2°C
Solubility:	Clear, colourless (3% aqueous solution)
Infrared:	Conforms to reference
Oxidized DTT:	0.188%
UV Absorbance	at 500nm: 0.021 At 280nm: 0.041
pH:	5.54 (0.1M solution in water)
Loss on drying:	0.3%
Assay (Iodimetry):	99.54%
Assay (GC):	98.3%
Heavy metals as Pb:	Nil
Sulphate:	30mg