

## CERTIFICATE OF ANALYSIS

**Product No.**

H002N

**Lot No.**

DM09A-GR

### DTSP

**3,3'-Dithiodipropionic acid di(N-hydroxysuccinimide ester)**

**Comments:** Thiol-cleavable, amine reactive homobifunctional cross linking reagent  
**CAS No:** 57757-57-0  
**Mol. Formula:** C<sub>14</sub>H<sub>16</sub>N<sub>2</sub>O<sub>8</sub>S<sub>2</sub>  
**Mol. Weight:** 404.42 g/mol  
**Assay:** Min. 98%  
**Storage:** -20°C under Argon  
**Expiry Date:** No expiry if correctly stored. Recommended retest one year upon opening.

TEST	SPECIFICATIONS	LOT RESULT
Appearance (Colour/Form):	White powder solid	White powder solid
<sup>1</sup> H-NMR:	Confirms to structure Min. 98%	Confirms Purity >99%
Melting Point (°C):	117-119°C	116-119°C

Quality Release Date: 09/11/2012

Quality Retest Date: --/--/----

Approved:

  
Quality Control Technician

Reviewed:

  
Dr. T. P. Jansen  
Production Manager

Cyanagen warrants that its products conform to the information contained in this and other Cyanagen publications. Purchaser must determine the suitability of the product for its particular use. The values given on the 'Certificate of Analysis' are the results determined at the time of analysis.