

**CERTIFICATE OF ANALYSIS**

**PRODUCT NAME:** TMTsixplex™ – 130 Label Reagent

**PRODUCT NUMBER:** 1861434

**LOT NUMBER:** QE219205

**SPECIFICATIONS:**

VISUAL: Each tube contains dried product free of residual liquid and foreign material.

NMR: The <sup>1</sup>H NMR spectrum must conform to structure.

OVERALL INCOMPLETE ISOTOPE INCORPORATION (BY MS):

Relative intensity of m/z 343: ≤ 1.5%  
Relative intensity of m/z 344: ≤ 10.0%

REPORTER ION ISOTOPIC DISTRIBUTIONS: Stated

**RESULTS:**

VISUAL: Each tube contains dried product free of residual liquid and foreign material.

NMR: The <sup>1</sup>H NMR spectrum conforms to structure.

OVERALL INCOMPLETE ISOTOPE INCORPORATION (BY MS):

Relative intensity of m/z 343: 0.1%  
Relative intensity of m/z 344: 2.9%

REPORTER ION ISOTOPIC DISTRIBUTIONS:

Reagent	-2	-1	Main (normalized)	+1	+2
TMT <sup>6</sup> -130	0.1%	2.9%	100%	2.4%	0.0%

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Steve Knutson, Quality Chemist II



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