

**Certificate of Analysis List**

For request number 794647

Catalog Number Entered	Lot Number Entered	Related Catalog Number	Related Lot Code	Description
12842	1236	N/A	N/A	Copper Standard Solution 100.0

Total Enclosures: 1

*Certificate of Analysis*

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COMMODITY: **Copper Standard Solution 100.0**COMMODITY NUMBER: **128-42**

MANUFACTURE DATE:

LOT NUMBER: **A1236****8/23/2011**

DATE OF ANALYSIS:

**8/23/2011**

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<i><b>TEST</b></i>	<i><b>SPECIFICATIONS</b></i>	<i><b>RESULTS</b></i>
Copper Concentration	99 to 101 ppm	99.4 ppm
pH	1.9 to 3.5	2.01

The expiration date is Aug 2016

The item 12842 is traceable to NIST standards SRM 3114 Copper 10 mg/mL LOT 011017.

Certified by \_\_\_\_\_

Scott Als  
Analytical Services Chemist