



## Certificate of Analysis

### Cuprizone Reagent Grade

**Catalog Number:** CO1002  
**Lot Number:** 0907701  
**CAS Number:** 370-81-0  
**Chemical Name:** Bis(cyclohexanone)oxaldihydrazone  
**Molecular Formula:** C<sub>14</sub>H<sub>22</sub>N<sub>4</sub>O<sub>2</sub>  
**Molecular Weight:** 278.35  
**Storage:** 2°C - 8°C  
**Date of Manufacture:** July 23, 2017  
**Retest Date:** July 22, 2019

Test	Specification	Result
Appearance	White to yellow powder	Conforms
Purity	≥ 99.0%	99.2%
Melting Point	208°C – 214°C	208.5°C
Solubility (in water)	To meet requirements	Conforms
Sensitivity to copper	To meet requirements	Conforms
Residue on Ignition (As Sulfate)	≤ 0.1%	0.06%
Moisture (LOD)	≤ 0.5%	0.2%
Heavy Metals	≤ 10 ppm	< 10 ppm
Iron	≤ 0.001 ppm	< 0.001 ppm

Approved by:

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