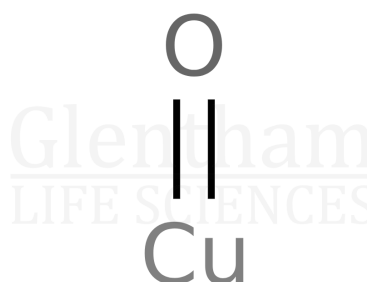


## Certificate of Analysis

|                |                                     |
|----------------|-------------------------------------|
| Product Name   | Copper(II) oxide Nanopowder, 99,9 % |
| Glenthams Code | GX2222                              |
| CAS Number     | 1317-38-0                           |
| Batch Number   | 253KGZ                              |

Molecular Weight  
Molecular Formula

Storage Temp. +20°C



| Property                    | Specification                                 | Batch 253KGZ  |
|-----------------------------|---|---|
| Physical Description        | Black nanopowder, nearly spherical morphology | Black nanopowder, nearly spherical morphology   |
| Average Particle Size       | 40 - 80 nm                                    | Conforms  |
| Purity (Trace Metals Basis) | ≥ 99.9%                                       | ≥ 99.9%   |
| Metals Analysis             | Reported                                      | Al:<100ppm, Ba:<100ppm, Ca:<500ppm, Cd:<100ppm, Co:<100ppm, Cr:100ppm, Fe:<100ppm, Mg:<100ppm |

|                       |            |
|-----------------------|------------|
| Specification Version | v1.0       |
| Manufacture Date      | 2023-08-25 |
| Re-Test Date          | 2030-08-25 |

Glenthams Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check [www.glenthams.com](http://www.glenthams.com) or contact us using the details above for the current version of this document.

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