

## 2409 – COPPER METAL POWDER 99.5%

REF NO: TBL/QA/SS/LC/2409	<b>STANDARD SPECIFICATION FOR COPPER METAL POWDER 99.5%</b>	Rev. No: 03
Issue No: 04		Review Date: 08/11/2024
Issue Date: 09/11/2021		Product code: 2409

### PRODUCT PROPERTIES

C.A.S Number	7440-50-8
Chemical Formula	Cu
Formula weight	63.55
Functional Uses	Catalyst for the cyclization and coupling reactions; e.g. Ullmann coupling reactions, preparation of cyclopropanes, decomposition of diazoketones or diazoesters, insertion to C-O bonds, [3 + 2] cycloaddition of terminal alkynes and azides, hydrogenation.
Standard Packaging	500 gm

### PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	A fine reddish-brown metallic powder.

### CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Lead (Pb)	NMT – 0.05%
Iron (Fe)	NMT – 0.005%
Zinc (Zn)	NMT – 0.01%
Aluminum (Al)	NMT – 0.005%
Assay	NLT-99.5%

**NOTE:** Please consult the Material Safety Data Sheet for information regarding hazards and safe handling Practices.

