

CUPROUS OXID (Cu₂O)

Basic Details

CAS RN

1317-39-1

SYNONYMS

Copper(I) oxide or cuprous oxide

MOL. FORMULA

Cu₂O

MOL. WEIGHT

143.09

Introduction

Copper oxide (CuO) is used in agriculture as a fungicide and nanomaterial to improve plant growth and development. Improved nutrient uptake: CuO NPs can help plants absorb nutrients like magnesium, iron, and phosphates. Enhanced photosynthesis: CuO NPs can increase photosynthesis and carbohydrates in plants.

Improved root growth: CuO NPs can improve root growth and development. Fungal and bacterial disease control: CuO NPs can help control fungal and bacterial diseases in stored agricultural products.

Manufacture

We are a leading manufacturer of Potassium 4-nitrophenolate. We take pride in our state-of-the-art GMP facilities and advanced technology, which enable us to produce high-quality products that meet global standards.

Our commitment to quality is unwavering, and we have implemented rigorous quality control parameters to ensure that each batch of Potassium 4-nitrophenolate is manufactured to the highest standards. This dedication to excellence has allowed us to establish a strong presence in international markets, including Europe, the Czech Republic, the USA, and various Asian countries.

Quality

We understand the importance of reliability and consistency in the chemical industry, and our team is dedicated to providing our clients with products that meet their specific needs.

Our advanced manufacturing processes and quality assurance protocols are designed to deliver products that consistently meet or exceed expectations.

Specifications

Test	Specifications
Appearance	Red Powder
Mesh	Soluble in methanol, chloroform and DMSO
Specific Gravity	~ 6 g/cc
Density	~3 g/cc
Assay (by chemical)	97.60
Copper	Min 88.75%

PURITY

Minimum 99.5%

MOISTURE CONTENT

Free Moisture

CONTACT

support@uregold.com

Storage

The product is stored at ambient temperature.

Keep container tightly closed in a dry, Inert atmosphere, Room temperature (25 – 30 0C)

Packing

25 kg and 50 KG UN approved drum.

REACH status

Not registered yet.

PRODUCT AVAIABLE FROM OUR OFFICES

BRAZIL

CZECH REPUBLIC

UAE

JAPAN

MALAYSIA

POLAND



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