



TECHNICAL DATA SHEET

1242-TDS-ENG-2023

OXIDO MAGNESIO PESADO Ph. Eur.		
DESCRIPTION DCI: ---	DESCRIPTION DOE: ---	
CAS N°: 1309-48-4	EC N°: 215-171-9	AEMPS CODE: ---
MOL. WEIGHT: 40.30	MOL. FORMULA: MgO	ARTICLE CODE: 1242

ATTRIBUTES	SHOULD BE
Appearance	Fine, white or almost white powder
Solubility	Practically insoluble in water. It dissolves in dilute acids with at most slight effervescence
Bulk density	=> 0.25 g/mL
Identification A	Complies
Identification B	Complies
Identification C	Complies
Appearance of solution	Not more intensely coloured than ref. sol. B3
Soluble substances	=< 2.0 %
Substances insoluble in acetic acid	=< 0.1 %
Chlorides	=< 0.1 %
Sulfates	=< 1.0 %
Arsenic	=< 4 ppm
Calcium	=< 1.5 %
Iron	=< 0.07 %
Loss on ignition	=< 8.0 %
Assay	98.0 - 102.0 %

COMPLIES WITH

European Pharmacopoeia 11.0

STORAGE

Store in a fresh a dry place.

REMARKS

Active ingredient permitted as food additive in compliance with specifications for food additives (Reg. EU n. 231/2012).

Magnesium Oxide Heavy is subjected to the requirements of the ICH Q3D "Elemental Impurities" guideline and the requirements of guides EMA/CHMP/ICH/82260/2006.

The product is not of animal origin and no animal product is used in its production, so it is risk-free BSE/TSE.

The product is not derived from GMO. No genetically modified organism is used in its production and no GMO product comes in contact with the product during any stage of production.