



TECHNICAL DATA SHEET

012464-TDS-ENG-2025

MAGNESIO CARBONATO POLVO LIGERO (E 504 ii)		
DESCRIPTION DCI: MAGNESIUM CARBONATE		DESCRIPTION DOE: MAGNESIO CARBONATO
CAS Nº: 12125-28-9	EC Nº: 235-192-7	AEMPS CODE: 22CA
MOL. WEIGHT: 101,32	MOL. FORMULA: MgHCO4	ARTICLE CODE: 012464

ATTRIBUTES	SHOULD BE
Appearance	White or almost white powder
Solubility	Practically insoluble in water. It dissolves in dilute acids with effervescence
Bulk density	=< 0.15 g/mL
Identification A	Complies
Identification B	Complies
Identification C	Complies
Appearance of solution	Not more intensely coloured than ref. sol. B4
Soluble substances	=< 1.0 %
Substances insoluble in acetic acid	=< 0.05 %
Chlorides	=< 700 ppm
Sulfates	=< 0.3 %
Elemental impurities	
Arsenic	=< 1 ppm
Cobalt	=< 1 ppm
Nickel	=< 50 ppm
Vanadium	=< 5 ppm
Calcium	=< 0.75 %
Iron	=< 400 ppm
Assay	40.0 - 45.0 %

COMPLIES WITH

European Pharmacopoeia 11.5

STORAGE

Store in a cool place. Keep the container tightly closed, in a dry and well-ventilated place.

REMARKS

Product suitable as a food excipient.