

1968 – MAGNESIUM OXIDE (Light), Extra Pure

REF NO: TBL/QA/SS/LC/1968	STANDARD SPECIFICATION FOR MAGNESIUM OXIDE (Light), Extra Pure	Rev. No: 03
Issue No: 04		Review Date: 12/11/2024
Issue Date: 13/11/2021		Product code: 1968

PRODUCT PROPERTIES

C.A.S Number	1309-48-4
Chemical Formula	MgO
Formula weight	40.30
Functional Uses	Magnesium oxide (MgO) may be employed in the synthesis of bimetallic Co-Mo catalysts supported on different catalyst supports.
Standard Packaging	500 gm.

PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	White colour Powder

CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Loss on ignition (at 900°C)	NMT – 5.0%
Chloride (Cl)	NMT – 0.05%
Sulphate (SO ₄)	NMT – 0.02%
Iron (Fe)	NMT – 0.05%
Assay	NLT – 98.0%

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

