

MAGNESIUM OXIDE LIGHT AR/ACS

PRODUCT CODE	568255	
SYNONYMS	--	
C.I. NO.	--	
CASR NO.	1309-48-4	
ATOMIC OR MOLECULAR FORMULA	MgO	MgO
ATOMIC OR MOLECULAR WEIGHT	40.30	
PROPERTIES	Soluble in ammonium hydroxide, nitric acid, sulfuric acid, hot water; insoluble in alcohol.	
PARAMETER	LIMIT	
Description	A white crystalline powder.	
Solubility	Soluble in dilute acids.	
Minimum Assay	98.0%	
Filling volume (untapped apparent volume of freshly sieved material through 10 or 20 mesh sieve)	Min. 100 ml/15 gm	
MAXIMUM LIMIT OF IMPURITIES		
Acid –insoluble matter	0.005%	
Water-soluble matter	0.4%	
Carbonate (as CO ₂)	1.5%	
Chloride (Cl)	0.01%	
Total nitrogen (N)	0.002%	
Sulphate (SO ₄)	0.001%	
Arsenic (As)	0.0001%	
Barium and strontium (as Ba)	0.005%	
Calcium (Ca)	0.02%	
Copper (Cu)	0.001%	
Iron (Fe)	0.005%	
Lead (Pb)	0.001%	
Manganese (Mn)	0.0005%	
Potassium (K)	0.005%	
Sodium (Na)	0.2%	
Zinc (Zn)	0.0005%	
Loss on ignition (at 900°C)	8.0%	
Note(s): Assay (if applicable) method mentioned.		



Product Specification

cdhfinechemical.com

WARNING Hazard statements: Not hazardous. No hazards. Precautionary statements Prevention: ----- Response: -----	IMDG Code : -- UN No. : -- IATA : --
Disposal: -----	
Hazard Pictogram(s) : -----	

Replace Date 03/07/2020