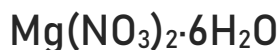


Magnesium Nitrate Hexahydrate



DESCRIPTION

General Description		Origin
Magnesium nitrate hexahydrate		China
Grade	E number	Formula
Fertilizer Grade	-	$\text{Mg}(\text{NO}_3)_2 \cdot 6\text{H}_2\text{O}$
Molecular weight	EINECS	CAS number
256.41	233-826-7	13446-18-9

PRODUCT CHARACTERISTICS

Physicochemical properties	Unit	Standard	Test Result
Magnesium Nitrate	%	≥ 98.5	98.5
MgO	%	≥ 15.3	15.4
N sol. H ₂ O	%	≥ 10.0	10.5
Mg sol. H ₂ O	%	≥ 9.0	9.2
Water insoluble matter	%	≤ 0.05	0.04
Water soluble Magnesium Oxide	%	≥ 15.0	15.4
PH	%	-	4.3
Moisture	%	≤ 0.3	0.02
Fe	%	$\leq 0.001\%$	0.0008
Salt Index		-	55
Electrical Conductivity		-	0.88 ms/cm
Higher Solute / Solvent Ratio		-	6 g/L
solubility in water at 20°C in gr/liter		-	1250 g/L

Further specifications are available upon request

Disclaimers

Although the information and recommendations set forth herein are presented in good faith, Kelewell makes no representations or warranties as to the completeness or accuracy. Information is supplied upon the condition that the persons receiving the same will make their own determination as to its suitability for their purposes prior to use. Additionally, it is the user's responsibility to verify, in every case, the local legislation related to the use of the product. In no event will Kelewell be responsible for damages of any nature resulting from the use of or reliance upon information or the product to which information refers. Nothing contained herein is to be construed as a recommendation to use any product, process, equipment or formulation in conflict with any patent and Kelewell makes no representation or warranty, express or implied, that the use thereof will not infringe any patent. The typical data set forth herein are based on samples tested and are not guaranteed for all samples or applications. The product specification limits are subject to change. Please contact Kelewell for the most current data sheet. Deliveries are governed by the general sale conditions defined by Kelewell