

CERTIFICATE OF ANALYSIS

Product Name	Magnesium Chloride Hexahydrate	Batch No	HC210115
Quantity	1000KG	Analysis Date	Jan.18,2021
Mfg. Date	Jan.15,2021	Exp. Date	Jan.14,2023
Package	25kg/Drum	Standard	BP2015

No.	Item	Specification	Result
1.	Appearance	Colourless crystals, hygroscopic.	Complies
2.	Solubility	Very soluble in water, freely soluble in alcohol	Complies
3.	Identification	Positive	Positive
4.	Acidity or Alkalinity	4.5-7.0	6.2
5.	Appearance of Solution	Complies	Complies
6.	Bromides	≤0.05%	<0.05%
7.	Aluminium	≤0.0001%	<0.0001%
8.	Iron	≤0.001%	<0.001%
9.	Sulphate	≤0.01%	<0.01%
10.	Heavy Metals	≤0.001%	<0.001%
11.	As	≤0.0002%	<0.0002%
12.	Calcium	≤0.1%	<0.1%
13.	Potassium	≤0.05%	<0.05%
14.	Water	51.0%-55.0%	52.2%
15.	Bacterial Endotoxins	≤0.25EU/ml	<0.25EU/ml
16.	Microbial Limit	≤500cfu/g	<500cfu/g
17.	Assay	98.0%-101.0%	98.4%
18.	Conclusion	Conform to the BP2015 Standard.	

Analyst: xuli

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