



Barrington

Chemical Corporation

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Product Specification

Product Name : Magnesium Carbonate Granular USP

Date: January 2015

Test	Specification
Description	Light, white or a bulky white granular
Identification	Positive test for Magnesium Carbonate
Appearance of Solution	To pass test to reference solution
Magnesium Oxide as MgO	40% - 43.5%
Calcium as CaO	0.45% max
Sulphate as SO ₄	0.6% max
Chloride as Cl	700 ppm max
Iron as Fe	200 ppm max
Arsenic as As	3 ppm max
Heavy Metals as Pb	30 ppm max
Lead as Pb ((E504(ii)))	3 ppm max
Acid Insoluble Matter((E504(ii)))	0.05% max
Soluble Substances	1.00% max
Coliforms	3.0 MPN/g Max
Salmonella	Negative / 25g
Aerobic Plate Count	1000 cfu/g Max
Yeast	25 cfu/g Max
Mold	25 cfu/g Max
E-Coli	Absent
Staphylococcus aureus	Negative / 25g
Total Plate Count	1000 cfu/g Max
Bulk Density	0.43 g/cc min
+ 40 mesh	>30%
+ 60 mesh	>25%
+ 80 mesh	>10%
-100 mesh	<10%

Packaging: Net 25 kg in Fiber Carton