CERTIFICATE OF ANALYSIS 25/08/2009

Product: - Magnesium Hydroxide I.P. /B.P./USP/EP
Batch. No: - 3345
Date of Manufacture: - 08/2009
Date of Expire: - 07/2014
Batch Size: - 1000 Kgs.

Parameter	Analysis	Specification
Description	A Bulk White Powder, Odorless	
Solubility	Practically insoluble in water, 95% ethanol, Soluble in dil. Mineral acids	
Identification	Complies test	gives reaction of magnesium
Color of Soln.	Complies test	as I.P. /B.P.
Arsenic	Complies test	Maximum 4 ppm
Heavy Metals	Complies teat	Maximum 30 ppm
Chloride	Complies test	Maximum 0.1%
Sulphate	Complies test	Maximum 0.5%
Calcium	Complies test	Maximum 1.5%
Iron	Complies test	Maximum 0.08%
Soluble substances	0.34%	Maximum 1%
Subs. insoluble in Acetic acid	0.038 %	Maximum 0.1%
Loss on Ignition	31.00 %	30.0% to 32.5%
ASSAY:- As Magnesium Hydroxide	98.78%	95.0 % to 100.5%

Conclusion: - The sample submitted Complies with the prescribed standard of Quality of I.P. /B.P.

CERTIFICATE OF ANALYSIS Dtd. 25/07/2009

Name of Product: - MAGNESIUM CARBONATE LIGHT I.P./B.P./EP
Batch No: - 396
Date of Manufacture: - 07/2009
Date of Expiry: - 06/2014
Quantity of Batch: - 1000 Kgs

Parameter	Analysis	Specification	
Description:	A White powder, odorless, practically Insoluble in water dissolves in dilute Acids with strong effervescence.15 gms Occupies 180 ml		
		SPECIFICATION	
Identification	Complies as IP/BP	**as I.P.**	**As B.P. /EP.**
Color of Solution	Complies as IP/BP		
Arsenic	Complies as IP/BP	Max. 2 ppm	Max 2 ppm
Calcium	Complies as IP/BP	Max. 0.75%	Max 0.75%
Heavy Metals	Complies as IP/BP	Max. 20 ppm	Max 20 ppm

Iron	Complies as IP/BP	Max. 400 ppm	Max 400 ppm
Chloride	Complies as IP/BP	Max. 0.1%	Max 0.07%
Sulphate	Complies as IP/BP	Max. 0.3%	Max 0.3%
Subs. Insoluble in Acetic Acid	0.04 %	Max. 0.1%	Max 0.05%
Soluble Salts	0.24 %	Max. 1.0%	Max 1.0%

ASSAY:-

As Magnesium Oxide 41.52 % Between 40.0% & 45.0%

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The Sample submitted Complies with the prescribed standard of quality of **I.P. & B.P./EP**

CERTIFICATE OF ANALYSIS 22/07/2009

Name of Product: - Magnesium Oxide Light IP/BP/USP/ EP
Batch No: - 090722
Date of Manufacture: - 07/2009
Date of Expiry: - 06/2014
Quantity of Batch: - 300 Kgs.

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Parameter	Analysis	Specification
Description	A very fine, light, white powder Odorless,	
Identification:	Complies test	Gives test of Magnesium
Colour of Soln	Complies test	Clear
Solubility	Complies test	practically insoluble in water Ethanol dissolves in dil. acids
Arsenic	Complies test	max. 4 ppm
Heavy Metals	Complies test	max. 20 ppm
Chloride	Complies test	max 0.125%
Sulphate	Complies test	max 1.0%
Calcium	Complies test	max. 1.1%
Soluble substance	0. 45%	max 2.0 %
Subs. Insoluble in Acetic Acid	0.031%	max 0.1%
Iron	Complies test	max 0.05%
Loss on Ignition:	5.8%	Maximum 8%

ASSAY as MgO: - 99.5% 98.0% to 100.5%

This is to certify that the sample complies with the standard of IP/BP/USP/EP

For Elite Chemical

Analytical Chemist