

No.201804-018

Date : 23. APR. 2018

Result Analysis Report

Product Name	Coating Natural High Purity Magnesium Hydroxide
Grade	FC-02
Lot No.	180312
Q' TY	[25kg Packing]

Test Result

Test Item		Unit		Specification	Result	Remarker
Chem.	Mg(OH) ₂	%	≥	94.0	94.02	HGT-3607 :2007
	MgO	%	≥	63.0	63.07	
	Fe ₂ O ₃	%	≤	0.5	0.40	
	SiO ₂	%	≤	2.0	1.92	
	CaO	%	≤	1.2	1.18	
Phys.	Ig Loss	%	≥	30.0	31.31	1,100°C 2hr
	Moisture	%	≤	0.5	0.30	110°C 2hr
	Oil Absorption	mL/100g		27-31	28	Castor oil
	Whiteness	%	≥	93.0	93.5	INESA WSC-S
		L	≥	97.0	98.13	
	Color	b	≤	0.8	0.76	Mastersizer2000
		Particle Size	d(0.5) um		4.0 ± 0.5	
	d(1.0) um		≤	25.0	18.322	
	325mesh	%	≤	0.01	0.0021	Sieve Test
Covering rate	%	≥	95.0	95.13		