



Specification for Magnesium Aluminum Silicate, Type IA, NF (M1021)

Item Number	M1021
Item	Magnesium Aluminum Silicate, Type IA, NF
CAS Number	1327-43-1
Molecular Formula	
Molecular Weight	
MDL Number	
Synonyms	Saponite ; Aluminum Magnesium Silicate

Test	Specification	
	Min	Max
VISCOSITY @ 33 +/- 3 °C	225	600 mPa.s
pH of a 5 in 100 SUSPENSION	9.0	10.0
RATIO OF CONTENT ALUMINUM / MAGNESIUM	0.5	1.2
ACID DEMAND		4.0
LOSS ON DRYING		8.0%
ARSENIC		3 µg/g
LEAD		15 µg/g
ELEMENTAL IMPURITIES	AS REPORTED	
MICROBIAL LIMITS:		
TOTAL AEROBIC MICROBIAL COUNT (TAMC)		1,000 CFU/g
ESCHERICHIA COLI		NEGATIVE
IDENTIFICATION (A)	D VALUES MEET CRITERIA	
IDENTIFICATION (B)	225	600 mPa.s
IDENTIFICATION (C)	0.5	1.2
IDENTIFICATION (D)	FINE GRANULES OR FLAKES	
RETEST DATE		
MANUFACTURE DATE		
APPEARANCE		
RESIDUAL SOLVENTS		AS REPORTED
MONOGRAPH EDITION		

Spectrum Chemical Mfg Corp

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