

Item Number	C1643
Item	Calcium Silicate, NF
CAS Number	1344-95-2
Molecular Formula	CaO•SiO ₂
Molecular Weight	
MDL Number	
Synonyms	Silicic Acid, Calcium Salt

Test	Specification	
	Min	Max
APPEARANCE		
IDENTIFICATION (A)	POSITIVE FOR CALCIUM	
IDENTIFICATION (B)	OPAQUE BEAD WITH WEB LIKE STRUCTURE	
CALCIUM OXIDE (CaO)	20	35 %
SILICON DIOXIDE (SiO ₂)	50	65 %
SUM OF CALCIUM OXIDE, SILICON DIOXIDE AND LOS ON IGNITION	90.0 %	
pH (1 in 20 suspension)	8.4	11.2
RATIO OF SILICON DIOXIDE TO CALCIUM OXIDE	0.5	20
LOSS ON IGNITION		20.0 %
LEAD (Pb)		10 ppm
ELEMENTAL IMPURITIES	AS REPORTED	
FLUORIDE		50 ppm
EXPIRATION DATE		
MANUFACTURE DATE		
RESIDUAL SOLVENTS	AS REPORTED	

Spectrum Chemical Mfg Corp

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