

Specification of Neusilin US2

Item		Specification	Analysis method
Description		White powder or granule	Visual
Identification	A	The Sample solution meets the requirements of the tests for Aluminum <191>.	NF * Monograph "Magnesium Aluminometasilicate" Type I-A
	B	The Sample solution meets the requirements of the tests for Magnesium <191>.	
	C	Silica floats about in the bead producing, upon cooling, an opaque bead with a web-like structure.	
pH		6.5 - 8.5	
Soluble salts		Not more than 0.020 g	
Alkalinity		Not more than 0.50 mL	
Chloride		Not more than 0.053 %	
Sulfate		Not more than 0.480 %	
Iron		Not more than 0.03 %	
Arsenic		Not more than 3 µg/g	
Loss on drying		Not more than 20.0 %	
Acid-consuming capacity (on the dried basis)		Not less than 210 mL/g	
Assay	Aluminum oxide (on the dried basis)	29.1 - 35.5 %	
	Magnesium oxide (on the dried basis)	11.4 - 14.0 %	
	Silicon dioxide (on the dried basis)	29.2 - 35.6 %	

* NF: National Formulary

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