



**Dried Aluminium Hydroxide Gel,
ALUGEL [R]
A 215**

Spec.No. 30152- 2
Quality Ph.Eur. 5.0

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Description	White,odor-and tasteless powder
Identification	The product yields the reactions characteristic of aluminium.
Solubility	Insoluble in water, soluble in diluted mineral acids.
Aluminium (Al₂O₃)	47.0-60.0 %
Clearness of solution	meets test
Colouring of solution	meets test
Chloride (Cl)	max. 1.0 %
Sulfate (SO₄)	max. 1.0 %
Arsenic (As)	max. 4 ppm
Heavy metals (as Pb)	max. 60 ppm
Alkalinity	max. 0.30 ml 0.1n HCl/g
Bulk density (untapped)	0.18-0.28 g/ml
Bulk density (tapped)	0.25-0.35 g/ml
Neutralizing Capacity (pH after 10 minutes)	1.8-4.5
Neutralizing Capacity (pH after 15 minutes)	2.3-4.5
Neutralizing Capacity (pH after 20 minutes)	3.0-4.5
Neutralizing Capacity (backtitration)	max. 35.0 ml

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pH-stat-method (pH 3, after 5 minutes)	min. 40.0	ml 0.1n HCl/g
pH-stat-method (pH 3, after 10 minutes)	min. 130	ml 0.1n HCl/g
pH-stat-method (pH 3, after 30 minutes)	min. 280	ml 0.1n HCl/g
Total aerobic microbial count	max. 1000	c.f.u./g
Enterobacteria	not detectable per 10 g	
gramnegativ bacteria	not detectable per 10 g	
Escherichia coli	not detectable per 10 g	

Release

The product meets the requirements of the Ph.Eur.

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