



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

Spec.No. 30152- 1
Quality USP 29

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Description	White, odor- and tasteless powder
Identification	The IR-spectrum exhibits only the maxima of the USP-reference- standard. The product yields the reactions characteristic of aluminium und carbonate.
Solubility	Insoluble in water, soluble in diluted mineral acids.
Aluminium (Al(OH)₃)	min. 76.5 %
Carbon dioxide (CO₂)	min. 8.0 %
Sulfate (SO₄)	max. 0.6 %
Chloride (Cl)	max. 0.85 %
Arsenic (As)	max. 8 ppm
Heavy metals (as Pb)	max. 60 ppm
pH-value (4% suspension)	max. 10.0
Bulk density (untapped)	0.18-0.28 g/ml
Bulk density (tapped)	0.25-0.35 g/ml
Acid neutralizing capacity (USP / 400 mg substance used)	min. 25.0 mequ/g
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

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pH-stat-method (pH 3, after 30 minutes) min. 280 ml 0.1n HCl/g

Release

The product meets the requirements of the USP.

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