

Typical Product Properties

Aluminum Compounds: Aluminum Hydroxide Powders

Aluminum Hydroxide	0200 Dried Al Hyd Gel USP	0200 Dried Al Hyd Gel Ph. Eur
Characteristics		
Description	White, odorless, tasteless, amorphous powder	White or almost white, amorphous powder
Physical		
Tapped Density (Info only)	0.16 – 0.25 g/mL	0.16 – 0.25 g/mL
Apparent Density (Info only)		
Particle Size – 400 Micron		
Chemical		
Aluminum Assay Al(OH) ₃	NLT 76.5% Al(OH) ₃	47.0% – 60.0% as Al ₂ O ₃
⁽²⁾ pH	NMT 10.0	
⁽¹⁾ Chlorides	NMT 0.85%	NMT 1.0%
⁽¹⁾ Sulfate	NMT 0.6%	NMT 1.0%
⁽¹⁾ Arsenic	NMT 8 ppm	NMT 4 ppm
⁽¹⁾ Heavy Metals	NMT 0.006%	NMT 60 ppm
Acid Neutralizing Capacity	NLT 25.0 mEq/g	
Acid Consuming Capacity		NLT 250 mL 0.1N HCl/g

Other Notes

(1) These tests are on reduced testing status.

(2) These tests are measured on a 4.0 % Al₂O₃ or 6.12% Al(OH)₃ suspension.

This product is manufactured under cGMP conditions.

This product meets the Residual Solvents specification as described in USP Chapter <467>.

Typical Product Properties

Aluminum Compounds: Aluminum Hydroxide Powders

Aluminum Hydroxide	0312 Dried Al Hyd Gel	0325 Dried Al Hyd Gel USP	0325 Dried Al Hyd Gel Ph. Eur
Characteristics			
Description	White, odorless, tasteless, amorphous powder	White, odorless, tasteless, amorphous powder	White or almost white, amorphous powder
Physical			
Tapped Density (Info only)		0.3 – 0.4 g/mL	0.3 – 0.4 g/mL
Apparent Density (Info only)	0.60 – 0.75 g/mL		
Particle Size – 400 Micron	NMT 4.0% retained		
Chemical			
Aluminum Assay Al(OH) ₃	NLT 76.5% Al(OH) ₃	NLT 76.5% Al(OH) ₃	NLT 76.5% Al(OH) ₃
⁽²⁾ pH	NMT 10.0	NMT 10.0	
⁽¹⁾ Chlorides	NMT 0.85 %	NMT 0.85%	NMT 1.0%
⁽¹⁾ Sulfate	NMT 0.6%	NMT 0.6%	NMT 1.0%
⁽¹⁾ Arsenic	NMT 4 ppm	NMT 8 ppm	NMT 8 ppm
⁽¹⁾ Heavy Metals	NMT 0.006%	NMT 0.006%	NMT 60 ppm
Acid Neutralizing Capacity		NLT 25.0 mEq/g	
Acid Consuming Capacity	NLT 260 mL 0.1N HCl/g		NLT 250 mL 0.1N HCl/g

Other Notes

(1) These tests are on reduced testing status.

(2) These tests are measured on a 4.0 % Al₂O₃ or 6.12% Al(OH)₃ suspension.

This product is manufactured under cGMP conditions.

This product meets the Residual Solvents specification as described in USP Chapter <467>.



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