Typical Product Properties

Aluminum Compounds: Aluminum Hydroxide Gels

Aluminum Hydroxide	Al Hyd Gel Visco 6	Al Hyd Gel Visco 9 USP
Characteristics		
Description	White, viscous suspension which may release small amounts of water on standing	White, viscous suspension which may release small amounts of water on standing
Physical		
[2][3] Viscosity (Brookfield)	1500 – 3000 cps	NLT 1500 cps
Chemical		
Aluminum Assay $Al(OH)_3$		NLT 13.6%
Aluminum Assay Al_2O_3	8.4 – 9.9%	NLT 8.9%
[2] pH	5.5 – 6.5	5.5 – 8.0
[1] Chlorides (based on the $Al(OH)_3$ content)	NMT 4.7%	NMT 4.7%
[1] Sulfate (based on the $Al(OH)_3$ content)	NMT 0.8%	NMT 0.8%
[1] Arsenic (based on the $Al(OH)_3$ content)	NMT 10 ppm	NMT 10 ppm
[1] Heavy Metals (based on the $Al(OH)_3$ content)	NMT 83 ppm	NMT 83 ppm
% Expected ANC	NLT 65.0% of Expected	NLT 65.0% of Expected
Microbial		
Microbial Total Aerobic Count	NMT 100 (cfu/g)	NMT 100 (cfu/g)
E. Coli	Absence	Absence

Other Notes

(1) These tests are on reduced testing status.

(2) These tests are measured on a 4.0 % Al_2O_3 or 6.12% $Al(OH)_3$ suspension.

(3) These tests are measured at the time of release and are not indicative of stability.

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 Gels

Aluminum Hydroxide	Al Hyd Gel LV9 USP	Al Hyd Gel LV13 USP
Characteristics		
Description	White, viscous suspension which may release small amounts of water on standing	White, viscous suspension which may release small amounts of water on standing
Physical		
[2][3] Viscosity (Brookfield)		
Chemical		
Aluminum Assay $Al(OH)_3$	12.5 – 15.3%	19.1– 21.4%
Aluminum Assay Al_2O_3	8.2 – 10.0%	12.5 – 14.0%
[2] pH	5.5 – 8.0	5.5 – 8.0
[1] Chlorides (based on the $Al(OH)_3$ content)	NMT 4.7%	NMT 4.7%
[1] Sulfate (based on the $Al(OH)_3$ content)	NMT 0.8%	NMT 0.8%
[1] Arsenic (based on the $Al(OH)_3$ content)	NMT 10 ppm	NMT 10 ppm
[1] Heavy Metals (based on the $Al(OH)_3$ content)	NMT 83 ppm	NMT 83 ppm
% Expected ANC	NLT 65.0% of Expected	NLT 65.0% of Expected
Microbial		
Microbial Total Aerobic Count	NMT 100 (cfu/g)	NMT 100 (cfu/g)
E. Coli	Absence	Absence

Other Notes

(1) These tests are on reduced testing status.

(2) These tests are measured on a 4.0 % Al_2O_3 or 6.12% $Al(OH)_3$ suspension.

(3) These tests are measured at the time of release and are not indicative of stability.

This product is manufactured under cGMP conditions.

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

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Typical Product Properties

Aluminum Compounds: Aluminum Hydroxide Gels

Aluminum Hydroxide	Al Hyd Gel Hyper 10	Al Hyd Gel Hyper 12 USP
Characteristics		
Description	White, viscous suspension which may release small amounts of water on standing	White, viscous suspension which may release small amounts of water on standing
Physical		
[2][3] Viscosity (Brookfield)	250 – 500 cps “as is”	< 600 mPs “as is”*
Chemical		
Aluminum Assay $Al(OH)_3$	13.0 – 15.3%	NLT 18.3%
Aluminum Assay Al_2O_3	8.5 – 10.0%	NLT 12.0%
[2] pH	5.5 – 8.0	5.5 – 8.0
[1] Chlorides (based on the $Al(OH)_3$ content)	NMT 4.7%	NMT 4.7%
[1] Sulfate (based on the $Al(OH)_3$ content)		NMT 0.8%
[1] Arsenic (based on the $Al(OH)_3$ content)	NMT 10 ppm	NMT 10 ppm
[1] Heavy Metals (based on the $Al(OH)_3$ content)	NMT 83 ppm	NMT 83 ppm
% Expected ANC		NLT 65.0% of Expected
Microbial		
Microbial Total Aerobic Count	NMT 100 (cfu/g)	NMT 100 (cfu/g)
E. Coli	Absence	Absence

Other Notes

(1) These tests are on reduced testing status.

(2) These tests are measured on a 4.0 % Al_2O_3 or 6.12% $Al(OH)_3$ suspension.

(3) These tests are measured at the time of release and are not indicative of stability.

This product is manufactured under cGMP conditions.

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

*Viscosity is tested using Haake versus Brookfield.

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