

**GENERAL CHEMICAL
STANDARD OPERATING PROCEDURE**

TITLE: Specification for -		SOP #: BH-SOP-303
REHYDRAGEL-LV ® ALUMINUM HYDROXIDE LOW VISCOSITY GEL		REV # 1
PREPARED BY: Debra Nuss-Kimbell	DEPT.: Quality	ISSUE DATE: 09/01/10
APPROVED BY: Gerry Kirwan <i>Gerry Kirwan</i> DATE: 08/27/10	<i>Plant Manager</i>	APPROVED BY: Debra Nuss-Kimbell <i>Debra Nuss-Kimbell</i> DATE: 08/27/10
		<i>Quality Manager</i>

CONTROLLED COPY

TEST	SPECIFICATION	REFERENCE
Identification for Aluminum	Pass	EP Aluminum ID
Appearance	White Translucent Viscous Colloidal Gel	Visual
Solubility	Clear or Almost Clear Solution Obtained with Mineral Acid	Visual
Aluminum Oxide (Al ₂ O ₃)	1.8 – 2.2%	BH-SOP-201
Chloride (Cl)	0.3% Maximum	BH-SOP-203
Protein Binding Capacity (Adsorption Power)	NLT 1.5 (Mg Protein/Mg Al ₂ O ₃)	BH-SOP-204
pH	5.8 – 6.8	BH-SOP-212
Arsenic*	<1 ppm	EP (2.4.2 – Method A)
Heavy Metals*	<20 ppm	EP (2.4.8 – Method A)
Bacterial Endotoxins*	<5 Iu/Mg Al	EP (2.6.14)
Sedimentation: @ 5 Mg/ml	<20% In 24 Hours	BH-AP-5525
Nitrates*	<100 ppm	EP Nitrates
Iron*	<15 ppm	EP (2.4.9)
Sulfates*	<0.5%	EP (2.4.13)
Ammonium*	<50 ppm	EP (2.4.1)
Sterility*	Sterile	USP <71>
Viscosity	1000 Cps Maximum (Spindle #3/12 rpm/5 mins.)	BH-SOP-207
Sodium (Na)	0.1% Maximum	BH-SOP-214
Foreign Particles	None	Visual

*Performed by an outside laboratory

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