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## Typical Product Specifications & Properties

# Aluminum Hydroxide - ALUGEL A621

CAS Number: : 21645-51-2

| Specifications                  | Limits                            |
|---------------------------------|-----------------------------------|
| Density                         | 2.42                              |
| Heavy Metals                    | max. 5 ppm                        |
| Ph - stat test                  | min. 15 ml/ 20 ml/23 ml 0.1 n HCl |
| Al(OH) <sub>3</sub>             | 13.6% min.                        |
| Viscosity                       | 60 or 30 mPas LV 2/60             |
| SO <sub>4</sub>                 | max. 0.05%                        |
| Cl                              | max. 0.28%                        |
| pH                              | 5.5 - 8.0                         |
| Al <sub>2</sub> O <sub>3</sub>  | 8.9% min.                         |
| Na                              | max. 0.5%                         |
| Rosett - Rice titration         | min. 35 minutes                   |
| Acid Neutralizing Capacity, USP | min. 65% meq/g                    |



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| Specifications   | Limits                   |
|------------------|--------------------------|
| As               | max. 0.6 ppm             |
| Insolubility     | in water, alcohol        |
| Odor             | odorless                 |
| Melting Point    | loses water 300 c        |
| Refractive Index | 1.57                     |
| Molecular weight | 78.01                    |
| Solubility       | min. acids, caustic soda |



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