

**ALUPREM<sup>®</sup>**  
**TG-70 • TG-50 • TG-35 • TG-25**  
**Ultra-White Aluminum Hydroxide**

	<b>TG-70</b>	<b>TG-50</b>	<b>TG-35</b>	<b>TG-25</b>
<b>CHEMICAL ANALYSIS (Typical)</b>				
Al(OH) <sub>3</sub> content, %	99.6	99.6	99.6	99.6
Na <sub>2</sub> O, %	< 0.1	< 0.1	< 0.1	< 0.1
Max, %	0.3	0.3	0.3	0.3
SiO <sub>2</sub> , %	0.02	0.02	0.02	0.02
Fe <sub>2</sub> O <sub>3</sub> , %	0.01	0.01	0.01	0.01
Moisture Content (105° C), %	0.1	0.1	0.1	0.1
Max, %	0.3	0.3	0.3	0.3
Loss on Ignition (LOI) (1200° C), %	34.5	34.5	34.5	34.5
<b>PHYSICAL PROPERTIES (Typical)</b>				
Whiteness R 457	95	95	95	95
Min	94	94	94	94
Particle Size (laser, Sympatec) - d <sub>50</sub> , (µm)	70	50	35	25
Specific Density (g/cm <sup>3</sup> )	2.4	2.4	2.4	2.4
Bulk Density (kg/m <sup>3</sup> )	1050	1000	950	900

The information herein is believed to be correct and reliable; however, no warranty is given concerning the accuracy of these data, merchantability or fitness for a particular use.