



PRODUCT SPECIFICATION

Product: Alumina Trihydrate
Synonym: Aluminum Hydroxide
Molec Formula: $Al(OH)_3$
CAS No: 21645-51-2

Item	ATH-1	ATH-10	ATH-12	ATH-17	ATH-20
Al_2O_3 % \geq	65.0	64.5	64.5	64.5	64.5
SiO_2 % \leq	0.04	0.04	0.04	0.04	0.04
Fe_2O_3 % \leq	0.02	0.02	0.02	0.02	0.02
Na_2O % \leq	0.4	0.4	0.4	0.4	0.4
Loss on ignition %	34.5 \pm 0.5	34.5 \pm 0.5	34.5 \pm 0.5	34.5 \pm 0.5	34.5 \pm 0.5
Attached water % \leq	0.5	0.5	0.5	0.5	0.5
Mean particle diameter, μm \leq	3	12	15	17	20
Whiteness % \geq	95.0	90.0	90.0	90.0	90.0
PH value	10.0 \pm 1.5				
Notes: In this specification, the mean particle size can also be produced according to customer's requirements.					