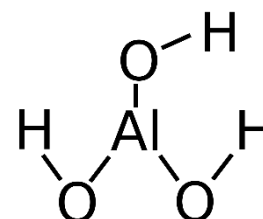


# Dried Aluminum Hydroxide

## HydrAl 55-P

CAS №: 21645-51-2, EC №: 244-492-7.

Chemical formula:  $\text{Al}(\text{OH})_3$



Appearance: white color powder

Application: for the production of aluminum salts, ceramic industry, heat-proof materials, cement industry, glass industry, filling agent in different areas.

### Specification:

Chemical and physical parameters	Typical content	Guaranteed content
$\text{Al}_2\text{O}_3$ %	64,7-65,5	64,5
$\text{SiO}_2$ %	0,003-0,007	0,009 max
$\text{Fe}_2\text{O}_3$ %	0,006-0,01	0,012 max
$\text{Na}_2\text{O}_{\text{total}}$ %	0,08-0,10	0,12 max
CaO %	0,012-0,016	0,020 max
ZnO %	0,010-0,014	0,015 max
C	0,02-0,05	0,1 max

### Physical specification:

Chemical and physical parameters	Typical range	Guaranteed range
Humidity ( $100^\circ$ ) %	0,03-0,1	0,2 max
Loss on heating ( $1000^\circ$ ), %	34-35	35,5 max
Average diameter d50 (humid sieve) $\mu\text{m}$	40-70	70 max

Package: 1000 kg big-bags.

# Dried Aluminum Hydroxid

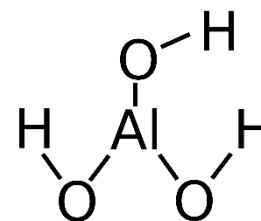
## HydrAl 50 LMC

CAS №: 21645-51-2, EC №: 244-492-7.

**Chemical formula:** Al(OH)<sub>3</sub>

**Appearance:** white color powder

**Application:** in the production of aluminum salts, ceramics, cement, as plastics filler material.



### Chemical properties:

Chemical parameters	Typical content	Guaranteed content
Al <sub>2</sub> O <sub>3</sub> %	65,0-65,5	64,5 min
SiO <sub>2</sub> %	0,003-0,006	0,008 max
Fe <sub>2</sub> O <sub>3</sub> %	0,005-0,008	0,010 max
Na <sub>2</sub> O total %	0,20-0,30	0,35 max
CaO %	0,008-0,012	0,015 max
CuO %	0,0010-0,0020	0,0025 max
TiO <sub>2</sub> %	0,0013- 0,0018	0,002 max
ZnO %	0,008 – 0,012	0,015 max

Physical parameters	Typical range	Guaranteed range
Humidity (100°) %	0,03-0,1	1 max
Loss on heating (1000°), %	34-35	35 max
d50% µm	40-50	55 max
>45 µm (humid sieve) %	50-60	65 max
<20 µm (humid sieve)	3,0-7,0	2,0 min

**Package:** 1000 kg big-bags.