**Technical Specifications**

**Polyaluminium Chloride Hydroxide Sulfate** – Al2O3 content 23%

Product Category: Inorganic Polymer

Chemical Family: Polynuclear Inorganic Salt

Product Standard: EN 883 (or similar standard)

CAS No : 39290-78-3

Product Name: Polyaluminium Chloride Hydroxide Sulfate

|  |  |  |
| --- | --- | --- |
| **Parameter** | **Standard** | **Value** |
| PRODUCT FORM 20C0 | Liquid | Liquid |
| COLOR | Colorless to yellow | Colorless to yellow |
| DENSITY 20C0 გ/სმ3 |  1,35+- 0,02 გ/სმ 3 | 1,340 გ/სმ 3 |
| PH (5% Solution ) | 3-6,5 | 3,92 |
| **Al2O3** | **23±1% (w/w)** | **23% (w/w)** |
| BASICITY | 100% (w/w) | >100% (w/w) |
| ACTIVE MATTER (mg Al/kg Product) | 42-124 გრ Al-kg Product | 122,5 გრ Al-kg Product |
| Arsenic (As) mg/kg Al (III) | 14 | <0,03 |
| Cadmium (Cd) mg/kg Al (III) | 3 | <0,001 |
| Chromium (Cr) mg/kg Al (III) | 30 | 2,71 |
| Mercury (Hg) mg/kg Al (III) | 4 | <0,01 |
| Nickel (Ni) mg/kg Al (III) | 20 | 1,39 |
| Lead (Pb) mg/kg Al (III) | 40 | <0,02 |
| Antimony (Sb) mg/kg Al (III)  | 20 | 1,45 |
| Selenium (Se) mg/kg Al (III)  | 20 | <0,02 |

1. **AREAS OF USAGE: Drinking water treatment processes**
2. **Delivery type: with IBC (PE) containers**