



Technical Specifications:

Product: HUMAC® Agro

1. **Manufacturer:** HUMAC s.r.o., Werferova 1, Kosice 040 01, Slovakia

2. **Composition:** natural humic acids, macro-, meso-, microelements

3. Declared Product Values:

- **Humic acids content:** min.62% in dry matter
- **Fulvic acids content:** max. 5% in dry matter
- **Organic matter content:** min.62% in mass
- **Ash content:** max. 30% anhydrous condition
- **Organic substances:** C – 57.96%, H – 5.27%, K₂O 2.06%, N – 1.03%, O – 25.79%, S – 9.95% + S/d/ - 6.48%, CO₂/a/ = <0.01%
- **Minerals:** Sodium (Na): 15 705 mg/kg, Potassium (K) 1 186 mg/kg, Calcium (Ca) 15 100 mg/kg, Zinc (Zn) 64 mg/kg, Boron (B) 77 mg/kg, Iron (Fe) 16 805 mg/kg, Copper (Cu) 19 mg/kg, Selenium (Se) 1.67 mg/kg, contains all naturally occurring macro, micro and trace elements chelated to natural amino acids

- **Humidity:** max. 20%, **pH:** 6.5

- **Dioxins & PCBs (combined) -** < 0.03 ngTEQ/kg from. ref. Mine - before treatment

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|----------------------------------|------------------|
| - Hg – 0.163 mg/kg in dry matter | max limit 1.00 |
| - Pb - <3 mg/kg in dry matter | max limit 50.00 |
| - As – 4.2 mg/kg in dry matter | max limit 10.00 |
| - Cd - 0.08 mg/kg in dry matter | max limit 2.00 |
| - Co – 3.163 mg/kg in dry matter | max limit 10.00 |
| - Cr – 80.00 mg/kg in dry matter | max limit 100.00 |
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4. Quality Parameters:

Product appearance: Odorless granules with a diameter of 8.00 mm

Mechanical composition of granules:

granularity: greyish powder 0.01 to 0.200 mm,

for 0,100 - 0 200 mm no more than 70,0 m /m% in dry matter

Density: 0.8 +/- 0.1 kg / dm³

Granulation: without gluing, pressure-bonded

Granule hardness: experimentally set for fertilizer applicator

Packaging: PE bags with filler neck used to prevent additional intake of moisture, big-bags with PE liner, sealed.

Storage Requirements: Store in a dry store, in a temperature range of -10 ° C to + 40 ° C

Expiry date: in original PE packaging 2 years, in big-bags 1 year - filling into big-bags only on customer request.

Product category: Fertilizers and soil conditioners