



Technical Data Sheet

1. Product Identification

- Trade Name: LIGNITE POWDER (HUMIC RAW 70)
- Manufacturer: SHANXI IHUMATE BIOTECH CO.,LTD
- Address: No. 64 Nan Gou, Chen Village, Bailong Town, Huozhou, Linfen City, Shanxi Province,China.
- Tel. No.: +86- 18874230390

2. Typical Composition & Specifications

Component	Specification
Free humic acid (dry basis)	>70%
Moisture	< 30%
pH (1% aqueous solution)	4.0-5.0
Particle size	80-200 mesh (typical)

3. Physical & Chemical Properties

- Appearance: Black to dark brown fine powder
- Odor: Slight earthy/organic odor
- Stability: Stable under normal storage conditions; avoid strong alkaline conditions
- Flowability: Good (powder)
- Hygroscopicity: Slightly hygroscopic

4. Application & Usage

- Application methods: Soil application, basal dressing, top dressing, furrow application
- Crops: Field crops, vegetables, fruit trees, flowers, lawns
- Dosage: 300-750 kg/ha (adjust per crop & soil condition)
- Compatibility: Compatible with most organic fertilizers; avoid mixing with strong acids/alkalis or high-concentration disinfectants

5. Packaging & Storage

- Packaging: 25 kg / 50 kg woven bag with PE liner
- Storage: Cool, dry, well-ventilated area; avoid direct sunlight, high temperature, moisture
- Shelf life: 12-24 months under proper storage

6. Safety & Handling

Mobile :+86 188 7423 0390 Tel. : +86 731 8290 7537 Fax: +86 731 8290 7537

Email : info@ihumate.com Website: www.ihumate.com

ADDRESS : No. 64 Nan Gou, Chen Village, Bailong Town, Huozhou, Linfen City, Shanxi Province, China



- Non-hazardous for normal agricultural use
- Avoid inhalation of dust; wear gloves & mask during bulk handling
- Keep out of reach of children & pets
- For agricultural use only; not for human/animal consumption

7. Quality Control & Compliance

- Meets national/regional standards for bio-organic fertilizers
- Microbial count, nutrient content, heavy metals (Pb, Cd, As, Hg, Cr) comply with relevant regulations
- Heavy metals (typical): Pb \leq 50 mg/kg, Cd \leq 10 mg/kg, As \leq 20 mg/kg, Hg \leq 2 mg/kg, Cr \leq 100 mg/kg

8. Disclaimer

This TDS is based on typical production specifications and is for reference only. Actual values may vary slightly within the stated ranges. The user is responsible for verifying suitability for specific applications.

Mobile :+86 188 7423 0390 Tel. : +86 731 8290 7537 Fax: +86 731 8290 7537

Email : info@ihumate.com Website: www.ihumate.com

ADDRESS : No. 64 Nan Gou, Chen Village, Bailong Town, Huozhou, Linfen City, Shanxi Province, China