INSOLUBLE HUMIC ACID

Humic Acid Granule 50%

Product code SH-HA-02G · Supersedes SHA-HA-2-TDS (2026-08), granule form

≥ 50.0%	≥ 80.0%	≥ 200
HUMIC ACID (DRY BASIS)	ORGANIC MATTER (DRY BASIS)	CEC (MEQ/100 G)

01 PRODUCT OVERVIEW

Humic acid granules are granulated leonardite, the naturally oxidised, humified layer of lignite. They are not water soluble and are intended for direct soil application.

02 TYPICAL PHYSICAL AND CHEMICAL PROPERTIES

PARAMETER	TYPICAL VALUE	TEST METHOD
Appearance	**Black granule**	Visual
Humic acid (dry basis)	**≥ 50.0%**	GB/T 11957-2001
Organic matter (dry basis)	**≥ 80.0%**	NY/T 525-2021
Cation exchange capacity (CEC)	**≥ 200 meq/100 g**	Supplier method
Moisture	**≤ 25.0%**	GB/T 11957-2001
pH (1:100)	**3.0 – 7.0**	GB/T 33804-2017
Granule size	**2 – 4 mm**	Sieve method
Water solubility	**Insoluble**	–

Typical values, not a specification. Batch results are stated on the Certificate of Analysis (COA) issued with each shipment. "To be confirmed" means the value is under review.

03 INTENDED USES AND APPLICATION

- Soil conditioner applied directly to soil
- Blending with granular fertilizers

Application rates depend on crop, soil and formulation. Please contact us for technical guidance and run a small-scale trial before large-scale use.

04 PACKAGING, STORAGE AND DOCUMENTS

PACKAGING 1 / 5 / 10 / 20 / 25 kg bags with inner PE liner; 1,000–1,100 kg jumbo bag; custom packaging on request
STORAGE Cool, dry, well-ventilated place in the original closed packaging; protect from moisture; reseal opened bags.
SHELF LIFE 24 months in original, unopened packaging
DOCUMENTS Safety Data Sheet (SDS) and batch Certificate of Analysis (COA) available on request.

The information in this Technical Data Sheet is given in good faith for reference. Users should determine the suitability of the product for their own application and comply with the regulations of the destination market. For safety information, refer to the Safety Data Sheet (SDS) of this grade.