HUMIC ACID WITH ORGANIC ADDITIVES

Chitin Humate Powder

Product code SH-CH-01P · Supersedes SHA-CHA-P-TDS (2026-08)

≥ 50.0%	≥ 15.0%	≥ 85.0%
TOTAL HUMIC AND FULVIC ACIDS (DRY BASIS)	CHITOSAN (DRY BASIS)	WATER SOLUBILITY

01 PRODUCT OVERVIEW

Chitin humate is a blend of humic and fulvic acid salts with chitosan (deacetylated chitin). This grade is supplied as a dark brown to black powder.

02 TYPICAL PHYSICAL AND CHEMICAL PROPERTIES

PARAMETER	TYPICAL VALUE	TEST METHOD
Appearance	**Dark brown to black powder**	Visual
Total humic and fulvic acids (dry basis)	**≥ 50.0%**	HG/T 3278-2011
Chitosan (dry basis)	**≥ 15.0%**	Supplier method
Degree of deacetylation (chitosan)	**≥ 85%**	Supplier method
Total nitrogen (N)	**2.0 – 5.0%**	GB/T 8572
Potassium as K_2O	**6.0 – 12.0%**	GB/T 33804-2017
Water solubility	**≥ 85.0%**	HG/T 3278-2018
Moisture	**≤ 10.0%**	HG/T 3278-2011
Ash	**≤ 20.0%**	Supplier method
pH (1% solution)	**6.5 – 8.5**	GB/T 33804-2017

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 application and fertilizer formulations
- Blending with compound and water-soluble 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.