FULVIC ACIDS

Mineral Source Potassium Fulvate Powder

Product code SH-FA-02P · Supersedes SHA-FA-2-TDS (2026-08)

≥ 55.0%	≥ 12.0%	100%
FULVIC ACID (DRY BASIS)	POTASSIUM AS K_2O (DRY BASIS)	WATER SOLUBILITY (DRY BASIS)

01 PRODUCT OVERVIEW

Mineral source potassium fulvate is a water-soluble humic and fulvic acid potassium salt obtained from leonardite. This grade is a black powder used in fertigation, foliar and water-soluble fertilizer formulations.

02 TYPICAL PHYSICAL AND CHEMICAL PROPERTIES

PARAMETER	TYPICAL VALUE	TEST METHOD
Appearance	**Black powder**	Visual
Fulvic acid (dry basis)	**≥ 55.0%**	HG/T 5334-2018
Humic acid (dry basis)	**≥ 50.0%**	HG/T 3278-2011
Potassium as K_2O (dry basis)	**≥ 12.0%**	GB/T 33804-2017
Water solubility (dry basis)	**100%**	HG/T 3278-2018
Flocculation limit	**350 mg CaO per 1 L water ($CaCl_2$ solution)**	HG/T 3278-2018
Moisture	**≤ 15.0%**	HG/T 3278-2018
pH (1:100)	**9.0 – 10.0**	GB/T 33804-2017
Fineness	**80 – 100 mesh**	Visual

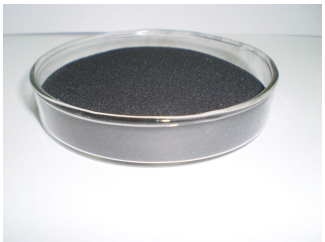
Typical values, not a specification. Batch results are stated on the Certificate of Analysis (COA) issued with each shipment. "To be confirmed" means the value is under review.

03 INTENDED USES AND APPLICATION

- Fertigation and drip irrigation formulations
- Foliar fertilizer formulations
- Base for water-soluble and liquid 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 kg aluminium foil bag; 20 / 25 kg woven or paper bag with inner PE liner; 1,000–1,100 kg jumbo bag

STORAGE Cool, dry, well-ventilated place in the original closed packaging; protect from moisture; reseal opened bags.

SHELF LIFE To be confirmed

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.