

HUMIC ACIDS

Iperen Humic

August 2018

Origin: USA

Reach Reg. 01-2119484861-29-0028

Section 1 | Description

Brand name	Iperen Humic
Chemical name	Humic acid, potassium salts
Appearance	Black granules

Section 2 | Chemical composition

Potassium Oxide (K ₂ O)	12% w/w on natural sample
Total Humic Extracts	>85* >75**% w/w on dry sample
Humic Acid	82* 72**% w/w on dry sample
Fulvic Acid	3* 3**% w/w
Organic Nitrogen (N)	1% w/w on natural sample
Ash content	31% w/w on natural sample
Dry matter	> 85% w/w
* **	* ISO 5073:1999 ** PTA-721014

Section 3 | Heavy metals

Arsenic (As)	< 5mg/kg	Mercury (Hg)	< 0.1mg/kg
Cadmium (Cd)	< 0.1mg/kg	Lead (Pb)	< 10mg/kg
Chrome (Cr)	< 5mg/kg		

Section 4 | Physical properties

Density	0.65 +/- 0.2g/cm ³
pH	8.45 +/- 1 (in 1% solution) 8.95 +/- 1 (in 10% solution)
Solubility	250g/L
Granulometry	0.8 - 1 mm