

Specification Data Sheet

IBA 17

A proprietary blend of Humic acids containing the Auxien Indolebutyric acid (IBA) used to obtain optimum soil conditions in areas where poor root growth is a problem.

CHEMICAL ANALYSIS

Specifications

Since no two Humic acid batches are identical had taken and our lowest typical analysis and safely guaranteed the Humic and Fulvic acid in a liquid basis and dry basis. The below results are obtained from a third party laboratory using the California method of Humic acid determination.

	Guarantee (%)	
	Dry Basis /	Liquid Basis
Humic Acid	4.00	14.65
Fulvic Acid	13.00	45.28
Indolebutyric acid (IBA)	0.002%	

TYPICAL ANALYSIS:

Nitrogen.....	0.29%	Manganese.....	0.001%
P2O5.....	1.14%	Iron.....	0.077%
K2O.....	2.60%	Copper.....	0.001%
Sulfur.....	0.20%	Calcium.....	0.25%
Boron.....	0.002%	Magnesium.....	0.049%
Zinc.....	0.001%		

TYPICAL PROPERTIES

BOILING POINT (F):.....	212
(C):.....	100
FREEZING POINT (F):.....	32
(C):.....	0
VAPOR PRESSURE (mm Hg):	N/A
PERCENT VOLATILE:	80.3
EVAPORATION RATE:	N/A
WEIGHT PER GALLON:	8.93 LBS
WEIGHT PER LITER:	1.05 KG
SPECIFIC GRAVITY:	1.6
VAPOR DENSITY (air=1):.....	N/A
DENSITY (g/cm3):.....	1.05
SOLUBILITY (in water):	COMPLETE
pH OF CONCENTRATE:	11.5
TOTAL SOLIDS:	12.8%

APPEARANCE AND ODOR: DARK BROWN LIQUID, EARTHY ODOR