CERTIFICATE OF ANALYSIS

Product Name / Trade Name: **100% Soluble Potassium Humate Granule**
(100% Soluble Humic Acid Granule)

Raw Material (Derived from): Sub-bituminous humate (Leonardite humate)

Composition / Analysis:

Humic Acid content:
Colorimetric method *(A&L)* - 99%
Precipitation method *(CDFA)* – 55-60%
ISO method *(ISO 5073:1999 (E))* – 80%

Organic Matter: 45%
Total Carbon: 36%
pH: 8-9

Product	Nitrogen % N	Available % P_2O_5	Potash % K_2O	Calcium % Ca	Magnesium % Mg	Copper % Cu	Zinc % Zn	Iron % Fe	Boron % B
Humic Granule	1	0.02	12-16	1	0.15	<0.001	0.002	0.51	0.01

Non Nutritive Metal Content	(mg/kg)	Arsenic	Cadmium	Cobalt	Lead	Molybdenum	Nickel	Selenium	Mercury	Chromium
	Detection limit	0.25	0.03	0.1	0.5	0.1	0.1	0.5	0.05	0.1
	Level found	2.98	0.03	2.4	5.8	1.0	4.3	BDL	BDL	3.6

Finished product: Solid black granules (size: 2-4 mm)

Mixing instructions / reconstitution:
1) Mix 1 kg. Potassium Humate Granule in 10 liters of water.
2) Agitate/dissolve Potassium Humate Granule in water.
3) Dilute with 90 liters of water prior to liquid application.
4) Apply diluted Liquid Humic solution to soil in fall and early spring with as many as 4 applications per grow season.

Application rate (Dry and Liquid):
Agronomic Crops – 5-10 kg. Potassium Humic Granule dry broadcast directly, mixed with dry granule fertilizer to broadcast or apply 500 liter- 1000 liters diluted Liquid Humic per hectare
Turf - 10 kg. Potassium Humate Granule dry broadcast directly, mixed with dry granule fertilizer to broadcast or 1000 liters diluted Liquid Humic per hectare