

Analysed according to The Composting Association Standards.

Description: **Rio Pas 100 Compost**

Bulk Density	585	grams / litre
Moisture Content	18.4	% m/m
	108	grams / litre
Dry Matter Content	81.6	% m/m
	477	grams / litre
Loss on ignition (sample as received)	44.3	% m/m
Loss on ignition (dry matter basis)	31.7	% m/m
Organic Carbon (dry matter basis)	18.5	% m/m
Carbon : Nitrogen Ratio		:1
NH ₄ -N : NO ₃ -N Ratio		:1
pH	7.8	pH units
Electrical Conductivity	1450	microS/cm
Electrical Conductivity	145	mS/m
Total Nitrogen as N (Kjeldahl)		
As received	5942	mg/litre as received
	1.02	% m/m
Dry Matter Basis	12450	mg/kg (DM)
	1.25	% m/m

Extractable in water:

NH ₄ -Nitrogen as N	not requested	mg/litre as received		mg/kg (DM)
NO ₃ -Nitrogen as N	not requested	mg/litre as received		mg/kg (DM)
NH ₄ +NO ₃ -Nitrogen as N	not requested	mg/litre as received		mg/kg (DM)
Phosphorus as P	22	mg/litre as received	46	mg/kg (DM)
Potassium as K	1750	mg/litre as received	3666	mg/kg (DM)
Magnesium as Mg	25	mg/litre as received	52	mg/kg (DM)
Sodium as Na	179	mg/litre as received	375	mg/kg (DM)
Calcium as Ca	109	mg/litre as received	228	mg/kg (DM)
Sulphur as S	127	mg/litre as received	266	mg/kg (DM)
Iron as Fe	20	mg/litre as received	42	mg/kg (DM)
Copper as Cu	0.32	mg/litre as received	0.7	mg/kg (DM)
Zinc as Zn	2.2	mg/litre as received	5	mg/kg (DM)
Manganese as Mn	0.45	mg/litre as received	0.9	mg/kg (DM)
Boron as B	1.6	mg/litre as received	3.4	mg/kg (DM)
Molybdenum as Mo	0.28	mg/litre as received	0.6	mg/kg (DM)
Chloride as Cl	not requested	mg/litre as received		mg/kg (DM)