

Product Name: Rock Phosphate



Product Specification:

N^o 1

Chemical Analysis	Initials	N ^o 1	
Bone Phosphate Lime	BpL	66-68	per cent
Calcium Oxide	CaO	48-50	per cent
Iron Oxide	Fe ₂ O ₃	0.10-0.20	per cent
Aluminium Oxide	Al ₂ O ₃	0.10-0.15	per cent
Magnesium Oxide	MgO	0.40-0.60	per cent
Silicon Dioxide	SiO ₂	7.5-9	per cent
Fluorine	F	2-4	per cent
Chlorine	Cl	< 300	ppm
Carbon Oxide	CO ₂	5-7	per cent
Lossess of Ignition	L.O.I	7-8	per cent
Humidity	H ₂ O	< 2	per cent
Minor Ingredient		N^o 1	
	CU	10-15	p.pm
	U	40-70	p.pm
	Cd	2-4	p.pm
	As	< 2	p.pm
	Pb	< 2	p.pm
	Zn	140-200	p.pm
	Hg	< 0.1	p.pm
	V	70-150	p.pm
	Ni	10-15	p.pm
	Bi	0.01-0.05	p.pm
	P ₂ O ₅ (Solubility in citric Acid 2%)	35-40	per cent
	P ₂ O ₅ (Solubility in Fornic Acid 2%)	55-65	per cent
		Micron	Percent
Typical Screen Analysis ASTM Mesh No.		N^o 1	N^o 1
	+18	+1000μ	< 1
	+35	+500 μ	6-12
	+230	+40 μ	75-85
	-230	- 40 μ	< 2

Chemical Analysis	Initials	N°2	
Bone Phosphate Lime	BpL	65-66	per cent
Calcium Oxide	CaO	48-50	per cent
Iron Oxide	Fe ₂ O ₃	0.10-0.20	per cent
Aluminium Oxide	Al ₂ O ₃	0.10-0.15	per cent
Magnesium Oxide	MgO	0.40-0.70	per cent
Silicon Dioxide	SiO ₂	7.5-9	per cent
Fluorine	F	2-4	per cent
Chlorine	Cl	500-800	ppm
Carbon Oxide	CO ₂	7-9	per cent
Lossess of Ignition	L.O.I	7-8	per cent
Humidity	H ₂ O	3-4	per cent
Minor Ingredient		N°2	
CU		10-15	p.p.m
U		40-70	p.p.m
Cd		3-6	p.p.m
As		< 2	p.p.m
Pb		< 4	p.p.m
Zn		140-200	p.p.m
Hg		< 0.1	p.p.m
V		70-150	p.p.m
Ni		10-15	p.p.m
Bi		0.01-0.05	p.p.m
P ₂ O ₅ (Solubility in citric Acid 2%)		35-40	per cent
P ₂ O ₅ (Solubility in Fornic Acid 2%)		55-65	per cent
		Micron	Percent
Typical Screen Analysis ASTM Mesh		N°2	N°2
+18		+1000μ	4-6
+35		+500 μ	5-10
+230		+40 μ	70-80
-230		- 40 μ	< 5

N^o3

Chemical Analysis	Initials	N ^o 3	
Bone Phosphate Lime	BpL	65-67	per cent
Calcium Oxide	CaO	48-50	per cent
Iron Oxide	Fe ₂ O ₃	0.10-0.20	per cent
Aluminium Oxide	Al ₂ O ₃	0.10-0.15	per cent
Magnesium Oxide	MgO	0.40-0.70	per cent
Silicon Dioxide	SiO ₂	7.5-9	per cent
Fluorine	F	2-4	per cent
Chlorine	Cl	800-1200	ppm
Carbon Oxide	CO ₂	7-9	per cent
Lossess of Ignition	L.O.I	7-8	per cent
Humidity	H ₂ O	3-4	per cent
Minor Ingredient		N^o3	
CU		10-15	p.pm
U		40-70	p.pm
Cd		5-8	p.pm
As		< 2	p.pm
Pb		< 2	p.pm
Zn		140-200	p.pm
Hg		< 0.1	p.pm
V		70-150	p.pm
Ni		10-15	p.pm
Bi		0.01-0.05	p.pm
P ₂ O ₅ (Solubility in citric Acid 2%)		35-40	per cent
P ₂ O ₅ (Solubility in Fornic Acid 2%)		55-65	per cent
		Micron	Percent
Typical Screen Analysis ASTM Mesh		N^o3	N^o3
+18		+1000μ	4-6
+35		+500 μ	5-10
+230		+40 μ	70-80
-230		- 40 μ	3-6

N°4

Chemical Analysis	Initials	N°4	
Bone Phosphate Lime	BpL	64-66	per cent
Calcium Oxide	CaO	48-50	per cent
Iron Oxide	Fe2O3	0.10-0.20	per cent
Aluminium Oxide	Al2O3	0.10-0.15	per cent
Magnesium Oxide	MgO	0.50-0.80	per cent
Silicon Dioxide	SiO2	7.5-9	per cent
Fluorine	F	2-4	per cent
Chlorine	Cl	800-1200	ppm
Carbon Oxide	CO2	7-9	per cent
Lossess of Ignition	L.O.I	7-8	per cent
Humidity	H2O	5-7	per cent
Minor Ingredient		N°4	
CU		10-15	p.p.m
U		40-70	p.p.m
Cd		6-10	p.p.m
As		< 2	p.p.m
Pb		< 2	p.p.m
Zn		140-200	p.p.m
Hg		< 0.1	p.p.m
V		70-150	p.p.m
Ni		10-15	p.p.m
Bi		0.01-0.05	p.p.m
P2O5 (Solubility in citric Acid 2%)		35-40	per cent
P2O5 (Solubility in Fornic Acid 2%)		55-65	per cent
		Micron	Percent
Typical Screen Analysis ASTM Mesh		N°4	N°4
+18		+1000μ	4-6
+35		+500 μ	5-10
+230		+40 μ	70-80
-230		- 40 μ	5-7

For more information please email us on: info@gammacommerce.com