

ROCK PHOSPHATE SPECIFICATIONS

Grade 2

Bone Phosphate Lime	BPL	65-66	%
Calcium oxide	CaO	48-50	%
Iron oxide	Fe ₂ O ₃	0.15	%
Aluminum oxide	Al ₂ O ₃	0,20	%
Magnesium oxide	MgO	0,85	%
Silicon dioxide	SiO ₂	8.50	%
Fluorine	F	2-4	%
Chlorine	Cl	400-800	ppm
Carbon oxide	CO ₂	6,3	%
Loses of ignition	L.O.I.	7-8	%
Humidity	H ₂ O	2-3	%
P2O ₅ solubility in citric acid 2%		35-40	%
P2O ₅ solubility in formic acid 2%		55-65	%

Grade 3

Bone Phosphate Lime	BPL	65-66	%
Calcium oxide	CaO	48-50	%
Iron oxide	Fe ₂ O ₃	0.15	%
Aluminum oxide	Al ₂ O ₃	0,20	%
Magnesium oxide	MgO	0,85	%
Silicon dioxide	SiO ₂	8.50	%
Fluorine	F	2-4	%
Chlorine	Cl	600-1000	ppm
Carbon oxide	CO ₂	6,3	%
Loses of ignition	L.O.I.	7-8	%
Humidity	H ₂ O	2-3	%
P2O ₅ solubility in citric acid 2%		29,5-30,5	%

Grade 4

Bone Phosphate Lime	BPL	64-66	%
Calcium oxide	CaO	48-50	%
Iron oxide	Fe ₂ O ₃	0.10-0.20	%
Aluminum oxide	Al ₂ O ₃	0.10-0.15	%
Magnesium oxide	MgO	0.50-0.80	%
Silicon dioxide	SiO ₂	7.5-9	%
Fluorine	F	2-4	%
Chlorine	Cl	800-1200	ppm
Carbon oxide	CO ₂	7-9	%
Loses of ignition	L.O.I.	7-8	%
Humidity	H ₂ O	5-7	%
Minor ingradient	Cu	10-15	ppm
	Cd	6-10	ppm
	As	<2	ppm
	Pb	<2	ppm
	U	40-70	ppm
	Zn	140-200	ppm
	Hg	<0.1	ppm

	V	70-150	ppm
	Ni	10-15	ppm
	Bi	0.01-0.05	ppm
P2O5 solubility in citric acid 2%		35-40	%
P2O5 solubility in formic acid 2%		55-65	%

Grade 6

BONNE PHOSPHATE LIME	BPL	63-64	%
Calcium Oxide	CaO	48-50	%
Iron Oxide	Fe ₂ O ₃	0.10-0.20	%
Aluminium Oxide	Al ₂ O ₃	0.10-0.15	%
Magnesium Oxide	MgO	0.50-0.80	%
Silicon Dioxide	SiO ₂	7.5-9	%
Fluorine	F	2-4	%
Chlorine	Cl	800-1200 ppm	ppm
Carbonate Oxide	CO ₂	7-9	%
Losses of Ignition	L.O.I	7-8	%
Humidity	H ₂ O	5-7	%
P2O5 solubility in Citric Acid 2%		35-40 %	%
P2O5 solubility in Formic Acid 2%		55-65%	%
P2O5 degree		~ 26,50 _ 27,00	

Grade 7

BONNE PHOSPHATE LIME	BPL	60-61	%
Calcium Oxide	CaO	48-50	%
Iron Oxide	Fe ₂ O ₃	0.10-0.20	%
Aluminium Oxide	Al ₂ O ₃	0.10-0.15	%
Magnesium Oxide	MgO	0.50-0.80	%
Silicon Dioxide	SiO ₂	7.5-9	%
Fluorine	F	2-4	%
Chlorine	Cl	600-1000	ppm
Carbonate Oxide	CO ₂	7-9	%
Losses of Ignition	L.O.I	7-8	%
Humidity	H ₂ O	5-7	%
P2O5 solubility in Citric Acid 2%		35-40 %	%
P2O5 solubility in Formic Acid 2%		55-65%	%
P2O5 degree		~ 26,50 _ 27,00	