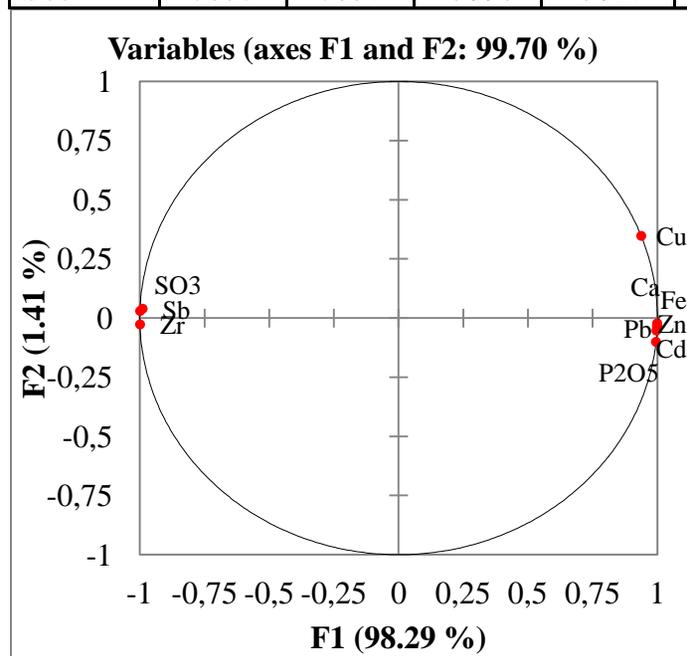


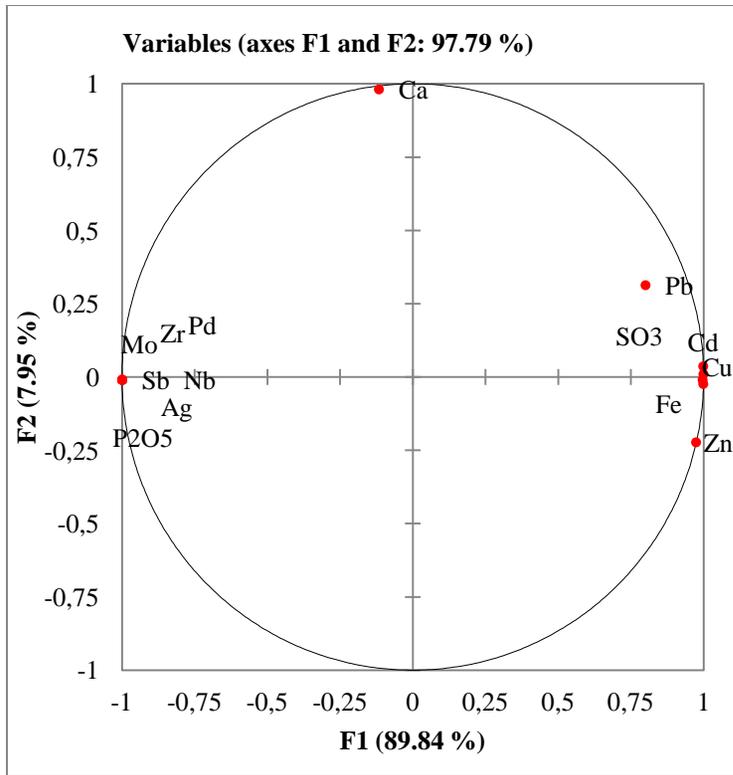
Correlation matrix of Superphosphate samples

Variables	Sb	Zr	Zn	Cu	Fe	Pb	Cd	Ca	P2O5	SO3
Sb	1									
Zr	0.983	1								
Zn	-0.987	-0.998	1							
Cu	-0.914	-0.946	0.930	1						
Fe	-0.985	-0.998	1.000	0.925	1					
Pb	-0.989	-0.997	1.000	0.923	0.999	1				
Cd	-0.987	-0.998	1.000	0.925	1.000	1.000	1			
Ca	-0.979	-0.996	0.998	0.916	0.999	0.998	0.998	1		
P2O5	-0.987	-0.991	0.996	0.898	0.997	0.997	0.997	0.996	1	
SO3	0.993	0.997	-0.998	-0.927	-0.998	-0.998	-0.998	-0.996	-0.997	1



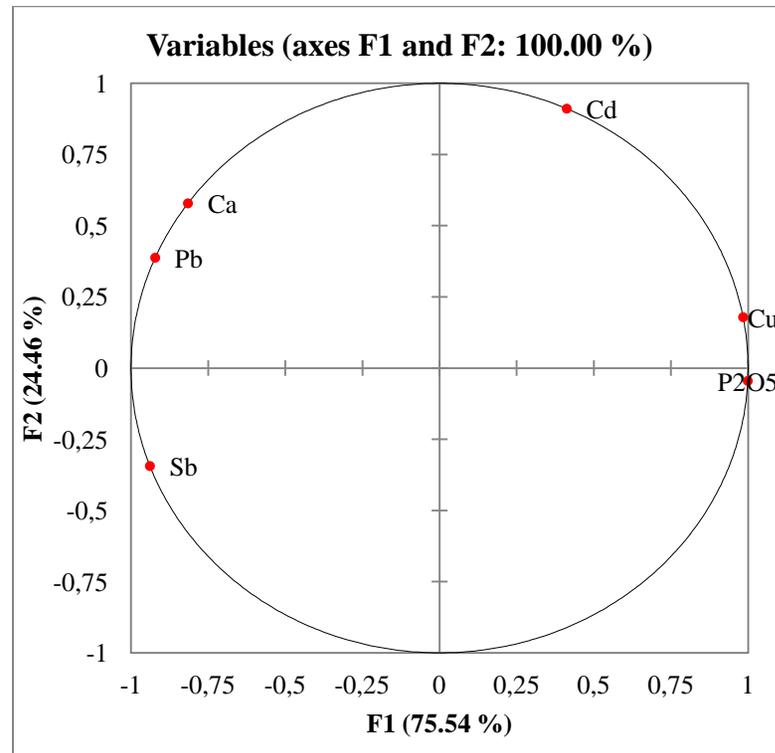
Correlation matrix of urea phosphate

Variables	Sb	Pd	Ag	Mo	Nb	Zr	Zn	Cu	Fe	Pb	Cd	Ca	P2O5	SO3
Sb	1													
Pd	1.000	1												
Ag	1.000	1.000	1											
Mo	1.000	1.000	1.000	1										
Nb	1.000	1.000	1.000	1.000	1									
Zr	1.000	1.000	1.000	1.000	1.000	1								
Zn	-0.970	-0.970	-0.970	-0.970	-0.970	-0.970	1							
Cu	-1.000	-1.000	-1.000	-1.000	-1.000	-1.000	0.963	1						
Fe	-0.999	-0.999	-0.999	-0.999	-0.999	-0.999	0.977	0.998	1					
Pb	-0.784	-0.784	-0.784	-0.784	-0.784	-0.784	0.723	0.790	0.775	1				
Cd	-0.999	-0.999	-0.999	-0.999	-0.999	-0.999	0.970	0.998	0.998	0.751	1			
Ca	0.101	0.101	0.101	0.101	0.101	0.101	-0.336	-0.074	-0.135	0.135	-0.113	1		
P2O5	1.000	1.000	1.000	1.000	1.000	1.000	-0.970	-1.000	-0.999	-0.784	-0.999	0.101	1	
SO3	-1.000	-1.000	-1.000	-1.000	-1.000	-1.000	0.970	1.000	0.999	0.784	0.999	-0.101	-1.000	1



Correlation matrix of potassium phosphate.

Variables	Sb	Cu	Pb	Cd	Ca	P2O5
Sb	1					
Cu	-0.985	1				
Pb	0.732	-0.838	1			
Cd	-0.700	0.568	-0.027	1		
Ca	0.567	-0.699	0.976	0.191	1	
P2O5	-0.923	0.975	-0.938	0.371	-0.841	1



Correlation matrix of NPK samples

Variables	Sb	Pd	Ag	Mo	Nb	Zr	Bi	Zn	Cu	Fe	Mn	Pb	Cd	Ca	P2O5	SO3
Sb	1															
Pd	0.474	1														
Ag	0.499	0.528	1													
Mo	0.438	0.605	0.856	1												
Nb	0.580	0.730	0.739	0.808	1											
Zr	-0.190	-0.187	-0.045	-0.050	-0.179	1										
Bi	0.070	-0.320	-0.194	-0.221	-0.364	0.383	1									
Zn	-0.288	-0.191	-0.145	-0.160	-0.100	-0.202	-0.205	1								
Cu	-0.010	0.215	0.119	0.335	0.205	-0.119	-0.116	-0.046	1							
Fe	-0.413	-0.171	-0.325	-0.249	-0.305	0.156	-0.044	-0.340	-0.092	1						
Mn	0.005	0.161	0.062	0.094	0.251	0.044	-0.135	0.350	0.149	-0.252	1					
Pb	-0.206	-0.273	-0.071	-0.150	-0.261	-0.022	-0.103	0.590	-0.098	-0.229	-0.173	1				
Cd	-0.208	-0.480	-0.397	-0.434	-0.586	-0.128	0.173	-0.030	-0.245	0.360	-0.495	0.198	1			
Ca	-0.316	-0.444	-0.367	-0.396	-0.557	0.051	0.201	-0.150	-0.215	0.591	-0.400	0.071	0.705	1		
P2O5	0.291	0.242	0.243	0.329	0.476	-0.069	-0.113	0.191	0.138	-0.477	0.576	0.083	-0.459	-0.630	1	
SO3	-0.256	-0.341	-0.335	-0.358	-0.534	-0.260	-0.008	0.017	0.038	0.367	-0.502	0.241	0.516	0.502	-0.602	1

