

S4 Table

	PC1	PC2
Carbohydrate (%)	-0.934	-0.227
SUGAR(%)	-0.655	-0.283
Protein(%)	0.945	0.315
Ash(%)	-0.441	0.678
Dietry Fiber(%)	-0.301	0.670
wet gluten (%)	0.943	0.310
Alveograph test	0.597	-0.639
Vitamin B3 (mg/100g)	-0.142	0.577
Vitamin B5 (mg/100g)	0.369	0.248
vitamin E(mg/100g)	0.547	-0.489
SDSS	0.770	0.420
Phosphate (mg/Kg)	-0.346	0.379
Phytic acid (mg/Kg)	-0.347	0.381
Iron (mg/Kg)	-0.900	0.233
Zinc (mg/Kg)	-0.800	0.154
Copper (mg/Kg)	0.245	0.901
Manganese (mg/Kg)	0.222	0.918