Table of Content

List of Tables

List of Figures

Abbreviations

AA	Amino acid
Abs	Absorbance
ATP	Adenosine triphosphate
df	Degree of freedom
DIP	2,6-dichlorophenol indophenol
DM	Dry matter
FW	Fresh weight
GO	Gross Oesingen
HKB	Hankensbuettel
PEP	Phospho-enol-Pyruvate
KAS	Ammonium nitrate with lime
KS	Calcium nitrate
LGW	Langwedel
Max	Maximum
Min	Minimum
MS	Mean square
NADH	Nicotinamide adenine dinucleotide
NADPH	Nicotinamide adenine dinucleotide phosphate
N_{min}	Nitrogen in mineral form
OPA	*O*-phtaldialdehyde
R	Pearson's coefficient of correlation
R^2	Coefficient determination
RH	Relative humidity
RP-HPLC	Reverse phase – high performance liquid chromatography
Stdv	Standard deviation
s.e.	Standard error
uv	Ultra violet

Amino acids:

Ala	Alanine
Arg	Arginine
Asn	Asparagine
Asp	Aspartic acid
Gln	Glutamine
Glu	Glutamic acid
Gly	Glycine
His	Histidine
Ile	Isoleucine
Leu	Leucine
Lys	Lysine
Met	Methionine
Phe	Phenylalanine

Ser	Serine
Thr	Threonine
Tyr	Tyrosine
Val	Valine

Units:

°C	degree Celcius
cm	centimeter
g	gram
ha	hectare
kg	kilogram
km	kilometer
L	Liter
L*	Lightness unit based on CIE 1976
m	meter
M	molar
mg	milligram
Mg	megagram
mL	milliliter
min	minute
mm	millimeter
µ	Micro
N	Normality
RVU	rapid visco unit
Tg	Terragram
v/v	volume per volume

Elements:

B	Boron
Ca	Calcium
Cu	Copper
Fe	Iron
H	Hydrogen
I	Iodine
K	potassium
Mg	Magnesium
Mn	Manganese
Mo	Molybdenum
N	Nitrogen
Na	Sodium
O	Oxygen
P	Phosphorus
S	Sulphur
Zn	Zinc