



The
**GOLD
STANDARD**
of dairy feed
ingredients

Nutrient Composition of SoyPLUS

100% Dry Matter Basis

Dry Matter 89.09 %

Moisture	10.91 %
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Protein

Crude Protein	49.84 %
RUP (%CP)	60.00 %
RDP (%CP)	40.00 %
Soluble Protein (%CP)	11.00 %
ADICP	1.21 %
NDICP (w/ sulfite, NRC)	5.95 %
NDIP (w/o sulfite, CPM)	10.02 %
NPN (% Soluble Protein)	65.00 %

Amino Acids

Lysine (%RUP)	6.24
Methionine (%RUP)	1.55
Arginine (%RUP)	7.74
Histidine (%RUP)	2.82
Isoleucine (%RUP)	5.09
Leucine (%RUP)	8.31
Phenylalanine (%RUP)	5.54
Threonine (%RUP)	4.18
Tryptophan (%RUP)	1.27
Valine (%RUP)	5.43

Carbohydrates

NDF (w/sulfite, NRC)	16.04 %
NDF (w/o sulfite, CPM)	19.24 %
ADF	8.54 %
Lignin	0.37 %
NFC (NRC Method)	19.80 %
NFC (CPM Method)	26.62 %
Sugar	12.78 %
Starch	2.66 %
peNDF (%NDF)	23.00 %

Fat

Crude Fat	7.02 %
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Energy Values (NRC)

TDN – 1X	87.62 %
Digestible Energy – 1X	4.36 Mcal/kg
Metabolizable Energy – 3X	1.64 Mcal/lb
Net Energy, Lactation – 3X	1.08 Mcal/lb
Net Energy, Gain – 3X	0.80 Mcal/lb
Net Energy, Maintenance – 3X	1.13 Mcal/lb

Minerals

Calcium	0.44 %
Phosphorus	0.78 %
Magnesium	0.34 %
Potassium	2.32 %
Sodium	0.00 %
Chlorine	0.09 %
Sulfur	0.39 %
Cobalt	0.00 ppm
Copper	15.43 ppm
Iodine	0.00 ppm
Iron	102 ppm
Manganese	31.14 ppm
Selenium	0.71 ppm
Zinc	45.86 ppm
Ash	7.30 %

DCAD +326 meq/kg

NRC Model

Protein – A (%CP)	8.70
Protein – B (%CP)	91.30
Protein – C (%CP)	0.00
Protein Digestion Rate (%/h)	2.40
RUP Digestibility	93 %

CPM Model

ChoA2 (%/h) and Escape %	300 %	100 %
ChoB1 (%/h) and Escape %	25 %	75 %
ChoB2 (%/h) and Escape %	25 %	75 %
ChoB3 (%/h) and Escape %	6 %	20 %
Protein – A (%CP)		7.15
A (%/h) and % Intest Digest	10000 %	100 %
Protein – B1 (%CP)		3.85
B1 (%/h) and % Intest Digest	150 %	100 %
Protein – B2		68.90
B2 (%/h) and % Intest Digest	3.35 %	100 %
Protein – B3		17.67
B3 (%/h) and % Intest Digest	0.18 %	80 %
Protein C (%CP)		2.43