

**PROTEIN  
FEED INGREDIENT**



**NUTREX  
CURRENT NUTRITION TECHNOLOGY EXPONENTS**

**COMBINATION MEAT MEAL  
beef**

# HIGH PROTEIN BIOLOGIC VALUE

## PRODUCT DESCRIPTION

**100% beef packing plant trimmings**

**NO ENTRAILS, BLOOD, HAIR and other abattoir by-products**

**Extruder, low temperature drying process - minimized protein**

**denaturation impact of heat and maintained high protein  
biologic value**

## RECOMMENDED USES

**As a higher quality animal protein source  
As a major source of high biologic value protein  
for all pet foods and livestock rations**

## TYPICAL PRODUCT STANDARDS

### CHEMICAL

Protein	50 %
Fat	12 %
Ash	18 %
Moisture	6.5 % max

### AMINO ACID PROFILE

Tryptophan	0.42%	Lysine	3.28%
Histidine	1.26	Arginine	3.61
Phenylalanine	2.10	Threonine	2.20
Cystine	0.59	Glutamic acid	4.60
Isoleucine	1.79	Glycine	2.29

### TRUE DIGESTIBILITY

Protein	88.0%
Fat	92.5%
Energy	90.0%

Leucine	3.97	Valine	2.73
Methionine	1.04	Tyrosine	1.52

ME	3090 kcal/kg
NE	2580 kcal/kg

### MINERALS

Calcium	6.8%	P avail.	3.2%
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### MICROBIOLOGICAL

APPI Certified Salmonella and E. coli Negative

### PACKAGING

Bulk, 25 kg bags or 1 MT totes

**PRODUCED BY:**

**WASHINGTON BEEF**

**Toppenish, WA, USA**

**FOR:**

**AGRIaccess**

**Bothell WA USA**