

Immunolin

SKU 56050

SCIENTIFIC ANALYSIS

ATTRIBUTE	SPECIFICATION	TYPICAL
Protein (dry basis)	≥90.0%	96.0%
Purity (as-is basis)	≥85%	92%
IgG	≥45%	≥55%
Fat	<0.7%	≤2.0%
Moisture	≤8%	4.1%
Ash	≤8%	1.8%

MICROBIOLOGICAL	SPECIFICATION	TYPICAL
Aerobic Plate Count	≤10,000 cfu/g	200 cfu/g
Salmonella	Neg/150 g	Neg/150 g
Staph. Coag.+	≤100 cfu/g	<10 cfu/g
Coliforms	≤ 100 MPN/g	ND*

*ND = not detected in sample

TYPICAL AMINO ACID PROFILE

Based on grams per 100g of product

	TYPICAL		TYPICAL
Alanine	4.4	Lysine	7.0
Arginine	5.1	Methionine	1.0
Aspartic Acid	9.1	Phenylalanine	4.5
Cystine	2.3	Proline	5.8
Glutamic Acid	11.1	Serine	9.0
Glycine	4.2	Threonine	7.8
Histidine	2.4	Tryptophan	2.0
Isoleucine	3.0	Tyrosine	5.2
Leucine	8.0	Valine	8.1

Analysis of seven separate production lots (July 2012 – April 2013)

SUPPLEMENTAL FACTS

Serving size: 1-3 grams

	AMT. PER 1 G SERVING
Total Protein	920 mg
Immunoglobulin G	450 mg †
† Daily value not established	

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DESCRIPTION

Immunolin® is a powdered form of serum-derived immunoglobulin concentrate. Due to its high immunoglobulin content, Immunolin is an excellent natural source of IgG for use in digestive health, immune support and sports nutrition products.

Immunolin contains no lactose and is free of milk proteins, such as casein and β -lactoglobulin, which can be poorly tolerated by some people. Immunolin contains very low levels of saturated fat. Immunolin is manufactured from non-GMO ingredients.

INGREDIENTS

Immunoglobulin protein isolate*, sunflower lecithin.

ORIGIN

Immunolin is manufactured from bovine serum collected in (a) the United States of America, and (b) New Zealand.

PHYSICAL CHARACTERISTICS

Immunolin is an agglomerated, cream colored powder with a neutral flavor and odor.

PACKAGING

Standard package size is 25 kg. Immunolin is packaged in heat sealed polyethylene bags inside fiber drums.

*Proliant's unique Closed-Loop Manufacturing means that we collect only in exclusive abattoirs with our own USDA approved proprietary collection system. No other manufacturer can claim this important closed link, as they must buy their raw material from outside sources and the spot market. What's more, from the time our product enters our tankers to the moment it is loaded into the dryers, the product is not exposed to the external environment. Once the raw material reaches our cGMP plant, the material is loaded directly into our process and manufactured through a series of closed tanks, lines, filters and separation equipment. In our plant there are no exposed filter presses or open tanks, nor is any non-food grade or noxious solvent material introduced into the process. There is also no possibility of contamination with other animal-derived products or bovine tissues in our completely dedicated facility.

NOTE

*This product contains proteins of animal (bovine) origin.