



**GFI**



**Pulsera**



**North Lily**

# Product Catalogue

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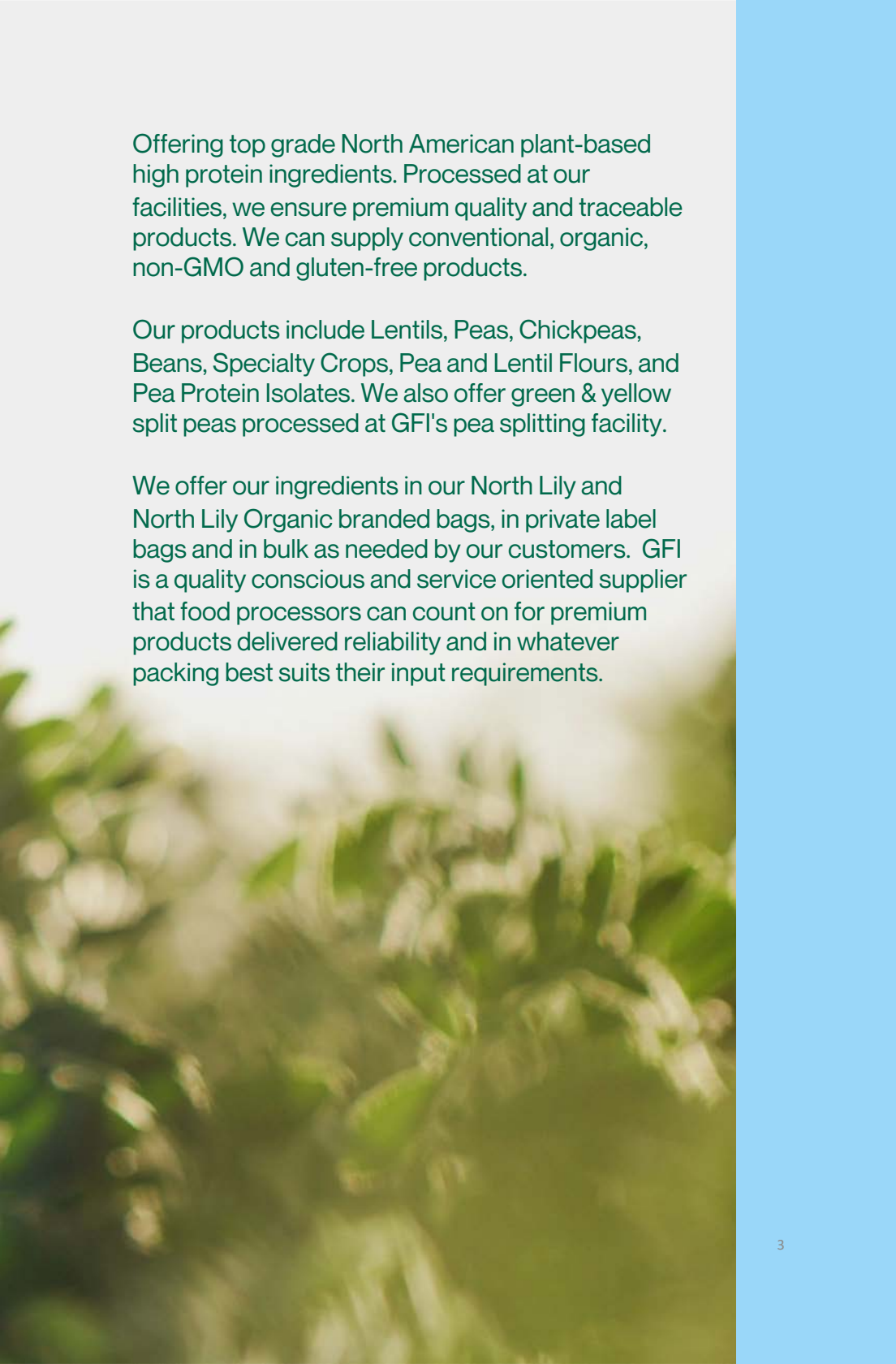
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Offering top grade North American plant-based high protein ingredients. Processed at our facilities, we ensure premium quality and traceable products. We can supply conventional, organic, non-GMO and gluten-free products.

Our products include Lentils, Peas, Chickpeas, Beans, Specialty Crops, Pea and Lentil Flours, and Pea Protein Isolates. We also offer green & yellow split peas processed at GFI's pea splitting facility.

We offer our ingredients in our North Lily and North Lily Organic branded bags, in private label bags and in bulk as needed by our customers. GFI is a quality conscious and service oriented supplier that food processors can count on for premium products delivered reliability and in whatever packing best suits their input requirements.

# Yellow Split Peas



Sustainable



Plant-Based



Rich in  
Protein and  
Fiber



Gluten-Free



Low  
Glycemic  
Index



Non-GMO



Glyphosate  
Free

## Certification



## Country of Origin

Canada

## Packaging

PP (Polypropylene) bags  
25 kg, 50 kg, 50 lb, 100 lb  
1 MT totes shrink wrapped, palletized cargo for truck loads



Grading Factors	Ultra-Premium	Premium
Degree of Soundness	<b>GNCLR</b> Good Natural Color	<b>FCLR</b> Fair Color
Maximum Percent Limits of:		
Other Colors Whole and Split Peas	0.2	0.5
Bleached Split Peas	0.3	0.8
Sound Whole Peas	0.2	0.5
White Caps as per FGIS	0.8	1.5
Total Foreign Material: Ergot/ Excreta/Insect Parts	0.1	0.2
Defective Split Peas		
Heat-Damaged	0.0	0.1
Insect Damage	0.1	0.2
Total Damaged	1.0	1.5
Split Peas Broken Through 10 Round-Hole Sieve	0.4	0.8
Split Peas Chips Through 6 Round-Hole Sieve	0.1	0.2



## Green Split Peas



Sustainable



Plant-Based



Rich in  
Protein and  
Fiber



Gluten-Free



Low  
Glycemic  
Index



Non-GMO



Glyphosate  
Free

### Certification



### Country of Origin

Canada

### Packaging

PP (Polypropylene) bags  
25 kg, 50 kg, 50 lb, 100 lb  
1 MT totes shrink wrapped, palletized cargo for truck loads



Grading Factors	Ultra-Premium	Premium
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Other Colors Whole and Split Peas	0.2	0.5
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Total Foreign Material: Ergot/ Excreta/Insect Parts	0.1	0.2
Defective Split Peas		
Heat-Damaged	0.0	0.1
Insect Damage	0.1	0.2
Total Damaged	1.0	1.5
Split Peas Broken Through 10 Round-Hole Sieve	0.4	0.8
Split Peas Chips Through 6 Round-Hole Sieve	0.1	0.2

# Pinto Beans



Sustainable



Plant-Based



Rich in  
Protein  
and Fiber



Gluten-Free



Low  
Glycemic  
Index



Non-GMO



Glyphosate  
Free

**Grade**

U.S. No.1

**Country of  
Origin**

USA

**Packaging**

PP (Polypropylene) bags  
25 kg, 50 lb, 100 lb  
1 MT totes shrink wrapped, palletized cargo for truck loads



**Parameters**

**Degree of Soundness**

Uniform size,  
Good Natural Color

**Maximum Percent Limits of:**

Contrasting Classes

0.5

Classes that Blend

5.0

Total Defect

2.0

Total Damages

1.5

Stones

0.05

Total Foreign Material Including  
Stones

0.10

Moisture

18.0



## Black Beans



Sustainable



Plant-Based



Rich in  
Protein and  
Fiber



Gluten-Free



Low  
Glycemic  
Index



Non-GMO



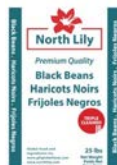
Glyphosate  
Free

**Grade** Canada No.2

**Country of Origin** Canada

**Packaging**

PP (Polypropylene) bags  
25 kg, 50 lb, 100 lb  
1 MT totes shrink wrapped, palletized cargo for truck loads



### Parameters

#### Degree of Soundness

Uniform size,  
Good Natural Color

#### Maximum Percent Limits of:

Contrasting Classes

0.5

Classes that Blend

5.0

Total Defect

2.0

Total Damages

2.0

Stones

0.2

Total Foreign Material Including  
Stones

0.5

Moisture

18.0

# Navy Beans



Sustainable



Plant-Based



Rich in  
Protein  
and Fiber



Gluten-Free



Low  
Glycemic  
Index



Non-GMO

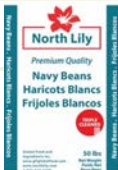


Glyphosate  
Free

**Grade** U.S. No.1

**Country of Origin** USA

**Packaging** PP (Polypropylene) bags  
25 kg, 50 lb, 100 lb  
1 MT totes shrink wrapped, palletized cargo for truck loads



## Parameters

### Degree of Soundness

Uniform size,  
Good Natural Color

### Maximum Percent Limits of:

Contrasting Classes

0.5

Classes that Blend

5.0

Total Defect

2.0

Total Damages

2.0

Stones

0.2

Total Foreign Material Including  
Stones

0.5

Moisture

18.0





## Small Red Beans



Sustainable



Plant-Based



Rich in  
Protein and  
Fiber



Gluten-Free



Low  
Glycemic  
Index



Non-GMO



Glyphosate  
Free

**Grade** U.S. No.1

**Country of  
Origin** USA

**Packaging** PP (Polypropylene) bags  
25 kg, 50 lb, 100 lb  
1 MT totes shrink wrapped, palletized cargo for truck loads



### Parameters

#### Degree of Soundness

Uniform size,  
Good Natural Color

#### Maximum Percent Limits of:

Contrasting Classes

1.5

Classes that Blend

1.5

Total Defect

2.0

Total Damages

1.5

Stones

0.05

Total Foreign Material Including  
Stones

0.10

Moisture

18.0

Large Green Lentils,  
Laird Type



Sustainable



Plant-Based



Rich in  
Protein and  
Fiber



Gluten-Free



Low  
Glycemic  
Index



Non-GMO



Glyphosate  
Free

**Grade** Canada No.2

**Country of Origin** Canada

**Packaging** PP (Polypropylene) bags  
25 kg, 50 lb, 100 lb  
1 MT totes shrink wrapped, palletized cargo for truck loads



**Parameters**

**Degree of Soundness**

Uniform size,  
Good Natural Color

**Maximum Percent Limits of:**

Contrasting Color

0.5

Stained

4

Heated

0.5

Peeled, Split and Broken

3.5

Other Damages

2

Total Damages

3.5

Stones

0.2

Other Foreign Material

0.5

Total Foreign Material Including  
Stones

0.5



## Small Green Lentils, Eston Type



Sustainable



Plant-Based



Rich in  
Protein and  
Fiber



Gluten-Free



Low  
Glycemic  
Index



Non-GMO



Glyphosate  
Free

<b>Grade</b>	Canada No.1
<b>Country of Origin</b>	Canada
<b>Packaging</b>	PP (Polypropylene) bags 25 kg, 50 lb, 100 lb 1 MT totes shrink wrapped, palletized cargo for truck loads



Parameters	
Degree of Soundness	Uniform size, Good Natural Color
Maximum Percent Limits of:	
Contrasting Color	0.2
Stained	1
Heated	0.2
Peeled, Split and Broken	2
Other Damages	1
Total Damages	2
Stones	0.1
Other Foreign Material	0.2
Total Foreign Material Including Stones	0.2

# Red Lentils



Sustainable



Plant-Based



Rich in Protein  
and Fiber



Gluten-Free



Low Glycemic Index



Non-GMO

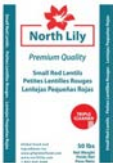


Glyphosate Free

**Grade** Canada No.2

**Country of Origin** Canada

**Packaging** PP (Polypropylene) bags  
25 kg, 50 lb, 100 lb  
1 MT totes shrink wrapped, palletized cargo for truck loads



## Parameters

### Degree of Soundness

Uniform size,  
Good Natural Color

### Maximum Percent Limits of:

Copper	3.0
Total Bleached Including Copper	10.0
Contrasting Color	0.5
Heated	0.5
Peeled, Split and Broken	3.5
Other Damages	2.0
Total Damages	3.5
Stones	0.2
Wrinkled // Total damage Including Wrinkled	5.0 // 8.0
Total Foreign Material Including Stones	0.5



## Yellow Peas



Sustainable



Plant-Based



Rich in  
Protein  
and Fiber



Gluten-Free



Low  
Glycemic  
Index



Non-GMO



Glyphosate  
Free

**Grade** Canada No.2

**Country of Origin** Canada

**Packaging** PP (Polypropylene) bags  
25 kg, 50 kg, 50 lb, 100 lb  
1 MT totes shrink wrapped, palletized cargo for truck loads



### Parameters

#### Degree of Soundness

Uniform size,  
Good Natural Color

#### Maximum Percent Limits of:

Other colours

2.0

Cracked seed coats including splits

9.5

Stones

0.10

Total Foreign Material Including Stones

0.20

Heated

0.05

Other Damages

5.0

Insect Damaged

1.5

Shriveled

5.0

Splits

2.5

**Total Damage**

**5.0**

Moisture

18.0



# Green Peas



Sustainable



Plant-Based



Rich in Protein  
and Fiber



Gluten-Free



Low  
Glycemic  
Index



Non-GMO

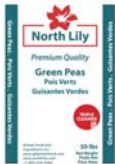


Glyphosate  
Free

**Grade** Canada No.2

**Country of Origin** Canada

**Packaging** PP (Polypropylene) bags  
25 kg, 50 kg, 50 lb, 100 lb  
1 MT totes shrink wrapped, palletized cargo for truck loads



## Parameters

<b>Degree of Soundness</b>	Uniform size, Good Natural Color
----------------------------	-------------------------------------

### Maximum Percent Limits of:

Other classes	1.0
Bleached	3.0
Total Bleached & other Classes	3.8
Cracked seed coats including splits	8.0
Stones	0.10
Total Foreign Material Including Stones	0.20
Heated	0.1
Other Damages	4.0
Insect Damaged	1.5
Shriveled	4.0
Splits	1.0
<b>Total Damage</b>	<b>5.0</b>
Moisture	18.0



## Chickpeas



Sustainable



Plant-Based



Rich in  
Protein  
and Fiber



Gluten-Free



Low  
Glycemic  
Index



Non-GMO



Glyphosate  
Free

**Grade** Canada No.1

**Country of Origin** Canada

**Packaging** PP (Polypropylene) bags  
25 kg, 50 kg, 50 lb, 100 lb  
1 MT totes shrink wrapped, palletized cargo for truck loads



### Parameters

#### Degree of Soundness

Uniform size,  
Good Natural Color

#### Maximum Percent Limits of:

Contrasting Classes

Classes that Blend

Bleached

Total Bleached and other classes

Total Defects

Stones

Total Foreign Material Including Stones

0.20

Heated

Cracked Seed Coats Including Splits

Other Damages

Shriveled

Splits

**Total Damage**

**5.0**

Moisture

14.0

# Brown Flaxseed



Sustainable



Plant-Based



Rich in Protein  
and Fiber



Gluten-Free



Low  
Glycemic  
Index



Non-GMO



Glyphosate  
Free

**Grade** Canada No.1

**Country of Origin** Canada

**Packaging** PP (Polypropylene) bags  
25 kg, 50 kg, 50 lb, 100 lb  
1 MT totes shrink wrapped, palletized cargo for truck loads



## Parameters

### Degree of Soundness

Uniform size,  
Good Natural Color

### Maximum Percent Limits of:

Contrasting Classes

Classes that Blend

Other Colors

Total Defects

13.0

Stones

0.05

Total Foreign Material Including Stones

1.00

Heated

Cracked Seed Coats Including Splits

Other Damages

Insect Damaged

Shriveled

Inseperable Seeds

1.0

**Total Damage**

**13.0**

Oil Content

47.0

# Pulsera

## Peas Protein 85%



**Certification** ISO9001, ISO22000, ISO 14001, BRC, STAR-K, NOP, KOSHER, HALAL, GMP+

**Country of Origin** Canada

**Packaging** White Kraft Paper Bag - 20 kg/ 44.1 lbs



Composition Based on Dry Matter		Physical Data		Nutritional Characteristics	
Protein (N x 6.25)	≥85%	Colour	Light Yellow	<b>Amino Acid Content (g)</b>	
Crude Fiber	≤1%	Taste & Odor	Bland	Aspartic Acid	8.56
Starch	≤2%	Particle Size	100 Mesh	Threonine	3.04
Moisture	≤10%	Self Life	24 months	Serine	4.14
Ash	≤8%	Features & Benefits		Glutamic Acid	14.68
Fats	≤10%	Non-GMO		Proline	1.38
PH	6.0 to 8.0	Lactose Free		Glycine	3.21
As	≤0.5 mg/kg	Low Fat, No Cholesterol		Alanine	3.67
Pb	≤1.0 mg/kg	High-Lysine		Valine	4.38
Cd	≤0.1 mg/kg	Soy Free & Gluten Free		Cystine	0.60
Hg	≤0.5 mg/kg	Highly Nutritious & Functional		Methionine	0.54
Bulk Density	≥0.4 g/cm <sup>3</sup>	Good Soluble Capacity		Isoleucine	4.07
Microbiology		No Anti-Nutritional Factors		Leucine	7.29
Total Plate Counts	<10,000 cfu/g	Applications		Tyrosine	3.04
Total Coliforms	≤30 cfu/g	Dairy Alternatives Products		Phenylalanine	4.79
Yeasts & Mould	<50 cfu/g	Juices, Sport & Protein Drinks		Histidine	1.81
Salmonella	Negative	High Protein Snacks & Baked Goods		Tryptophane	1.17
Escherichia Coli	Negative	High Protein Alternative Pastas & Cereals		Lysine	6.37
Pathogenic Bacteria	Negative	Dietary & Nutritional Foods		Arginine	7.60
Gluten	< 5 ppm	Pharmaceutical Application (Capsules)		<b>Total Amino Acid</b>	<b>80.37</b>
Soy Protein	< 2.5ppm	Red Wine (Absorption Effect)			







# **Pet Food Ingredients**

# Pet Food Chickpeas



Sustainable



Plant-Based



Rich in  
Protein  
and Fiber



Low  
Glycemic  
Index



Non-GMO



Glyphosate  
Free

**Label**

Chickpeas

**Product  
Composition**

Whole, split or broken chickpeas

**Grade**

Pet Food Grade

**Product  
Description**

Raw chickpeas are fresh, clean, sound ordinary chickpeas which are passed through sieves, fans and other cleaning equipment. To prevent spoilage, moisture must be less than 14%.

**Packaging**

Bulk

**Parameters**

Appearance

Good natural color  
(Yellow, green and tan)

Odor

Typical of chickpeas without any off-odour

Flavor

Typical of chickpeas without any off-flavour

Shelf Life

12 months

**Percent Limits of:**

Maximum Moisture

14

Minimum Protein

18

Maximum Total Foreign  
Material Including Stones

2.0



# Pet Food Lentil Chickpea Blend



Sustainable



Plant-Based



Rich in  
Protein  
and Fiber



Low  
Glycemic  
Index



Non-GMO



Glyphosate  
Free

**Label**                      Lentil Chickpea Blend

**Product Composition**                      Lentil Chickpea Blend: Red Lentils; Green Lentils; Chickpeas (33:33:33)

**Grade**                      Pet Food Grade

**Product Description**                      Raw chickpea and lenti blend, clean, sound ordinary chickpeas and lentils which are passed through sieves, fans and other cleaning equipment. Product is recommended to be stored under conditions not exceeding 25 °C and with less than 65% relative humidity conditions for highest level of shelf-life expectation.

**Packaging**                      Bulk

Parameters	
Appearance	Good natural color (Red, green and tan)
Odor	Typical of lentils and chickpeas without any off-odour
Flavor	Typical of lentils and chickpeas without any off-flavour
Shelf Life	12 months
Percent Limits of:	
Maximum Moisture	9-12
Total Fiber	3.79 <span>21</span>
Minimum Protein	21.9
Maximum Total Foreign Material Including Stones	2.0

# Pet Food Pea Blend



Sustainable



Plant-Based



Rich in  
Protein  
and Fiber



Low  
Glycemic  
Index



Non-GMO



Glyphosate  
Free

**Label**                      Peas

**Product Composition**                      Ground Green Peas and Yellow Peas (50:50)

**Grade**                      Pet Food Grade

**Product Description**                      Whole green or yellow peas are the sound, healthy, dry and cleaned pea. Ground green peas: Grind size: 3 to 5 mm. Peas are harvested from the field, place in storage, cleaned, (ground and/or blended) and shipped.

**Packaging**                      Bulk

## Parameters

Appearance	Good natural color (Yellow and light green)
Odor	Typical of peas without any off-odour
Flavor	Typical of peas without any off-flavour
Shelf Life	12 months

## Percent Limits of:

Maximum Moisture	9.7
Total Fiber	3.39
Minimum Protein	21.0
Maximum Total Foreign Material Including Stones	2.0



## Pet Food Ground Pinto Beans



Sustainable



Plant-Based



Rich in  
Protein  
and Fiber



Low  
Glycemic  
Index



Non-GMO



Glyphosate  
Free

**Label** Ground Pinto Beans

**Product Composition** Ground Pinto Beans

**Grade** Pet Food Grade

**Product Description** Product is recommended to be stored under conditions not exceeding 25 °C and with less than 65% relative humidity conditions for highest level of shelf life expectation.

**Packaging** Bulk

Parameters	
Appearance	Good natural color (Brown/Tan)
Odor	Typical of pinto beans without any off-odour
Flavor	Typical of pinto beans without any off-flavour
Shelf Life	12 months
Percent Limits of:	
Maximum Moisture	9-12
Total Fiber	3.73
Minimum Protein	19.0
Maximum Total Foreign Material Including Stones	2.0



Pet Food  
Red Lentils



Sustainable



Plant-Based



Rich in  
Protein  
and Fiber



Low  
Glycemic  
Index



Non-GMO



Glyphosate  
Free

**Label**                      Peas

**Product Composition**                      Green or Yellow whole split or broken peas

**Grade**                      Pet Food Grade

**Product Description**                      Healthy, dry and cleaned peas

**Packaging**                      Bulk

**Parameters**

Appearance	Good natural color (Yellow and light green)
Odor	Typical of peas without any off-odour
Flavor	Typical of peas without any off-flavour
Shelf Life	12 months

**Percent Limits of:**

Maximum Moisture	15
Fat	2
Protein	18-25
Maximum Total Foreign Material Including Stones	2.0



## Pet Food Ren Lentils



Sustainable



Plant-Based



Rich in  
Protein  
and Fiber



Low  
Glycemic  
Index



Non-GMO



Glyphosate  
Free

**Label** Red Lentils

**Product Composition** Whole, split or broken red lentils

**Grade** Pet Food Grade

**Product Description** Healthy, dry and cleaned red lentils

**Packaging** Bulk

Parameters	
Appearance	Good natural color (Red/Amber)
Odor	Typical of red lentils without any off-odour
Flavor	Typical of red lentils without any off-flavour
Shelf Life	12 months
Percent Limits of:	
Maximum Moisture	15
Total Fiber	3.73
Maximum Total Foreign Material Including Stones	2.0

# Pet Food Green Lentils



Sustainable



Plant-Based



Rich in  
Protein  
and Fiber



Low  
Glycemic  
Index



Non-GMO



Glyphosate  
Free

**Label** Green Lentils

**Product Composition** Healthy, dry and cleaned green lentils

**Grade** Pet Food Grade

**Product Description** Whole split or broken green lentils

**Packaging** Bulk

## Parameters

Appearance	Good natural color (Light and dark tan)
Odor	Typical of lentils without any off-odour
Flavor	Typical of lentils without any off-flavour
Shelf Life	12 months

## Percent Limits of:

Maximum Moisture	15
Minimum Protein	21
Maximum Total Foreign Material Including Stones	1.0



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