



Address: 707 24th Ave. West.  
 Bradenton, FL 34205  
 Toll Free (877)437-2234  
 Web Site: www.hpingredients.com

**Maqui Berry Extract Specification Sheet**

<b>Tests</b>	<b>Specifications</b>	<b>Analytical Procedures</b>
Appearance	Purple Powder	Visual
Identification of Anthocyanosides	Report	HPLC
Total Anthocyanosides Content (w/w)	NLT 35.0%	HPLC
Total Delphinidin Anthocyanosides Content w/w)	NLT 25.0%	HPLC
Ash	NMT 5.0%	Ph.Eur.2.5.16
Water Content (w/w)	NMT 5.0%	Ph.Eur.2.5.12 Method A
Residual Organic Solvents: Ethanol	NMT 5000 ppm	GLC
Heavy Metals	NMT 20 ppm	Ph. Eur. 2.4.8.
As	NMT 2.0 ppm	ICP
Cd	NMT 1.0 ppm	ICP
Hg	NMT 0.10 ppm	Atomic Absorption Spectrometry
Pb	NMT 3.0 ppm	ICP
Pesticides Determination	Complies	GC/MS/MS,HPLC/MS/MS
Microbiological Control		Ph.Eur. 2.6.12 and 2.6.13.
Total Aerobic Microbial Count	NMT 3000 cfu/g	
Total Yeast and Mold	NMT 100 cfu/g	
Bile Tolerant Gram Negative bacteria	NMT 100 cfu/g	
Coliform Bacteria	Absent/g	
E. Coli	Absent/g	
Salmonella	Absent/ 25g	
Pseudomona aeruginosa	Absent/g	
Staphylococcus Aureus	Absent/g	



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GENETICALLY MODIFIED ORGANISMS-GMO

NAME OF THE PRODUCT: Maqui Berry Extract

SECTION 1: VEGETABLE ORIGIN

1.1\* Has the finished product been produced using soy or soy derivatives? NO

- If YES, please complete questions 1.1.1 & 1.1.2.
- If NO, please go to Question 1.2.

1.1.1 Has the Soy/derivative been produced from a Genetically Modified Crop? Yes/No

- If NO, please provide details of -Country of Origin
-Is testing carried out? Yes/No
-Auditable IP Trail? Yes/No

1.1.2 Does the Soy/derivative require labeling as genetically modified? Yes/No

1.2 \* Has the finished product been produced using maize or maize derivatives?

YES

- If YES, please complete questions 1.2.1 & 1.2.2
-If NO, please go to Section 1.3

1.2.1 Has the maize/derivative been produced from a Genetically Modified Crop? Yes/No

NO

- If NO, please provide details of : -Country of Origin Austria
-Is testing carried out? Yes/No
-Auditable IP Trail? Yes/No

1.2.2. Does the maize/derivative require labeling as genetically modified? No

1.3\* Has the finished product been produced using colza or colza derivatives

NO

- If YES, please complete questions 1.3.1 & 1.3.2
-If NO, please go to Section 2

1.3.1 Has the colza/derivative been produced from a Genetically Modified Crop? Yes/No

- If No, please provide details of: -Country of Origin
- Is testing carried out? Yes/No
- Auditable IP Trail? Yes/No

1.3.2 Does the colza/ derivative require labeling as genetically modified?

DATE: 5/2013

QC SIGNATURE: [Handwritten Signature]



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**GENETICALLY MODIFIED ORGANISMS-GMO**

NAME OF THE PRODUCT: **Maqui Berry Extract**

**SECTION 2: INGREDIENTS**

**2.1 Definition:**

An ingredient is defined in Directive 2000/13 on labeling: "ingredient means any substance including additives, used in the production or preparation of a foodstuff and still present in the finished product although possibly in a modified form."

**2.2: Please list all ingredients:**

%	ingredients	GMO free
<u>&gt;90%</u>	<u>Maqui Berry</u>	<u>YES</u>
<u>&lt;10%</u>	<u>Maltodextrin</u>	

**3.1 Has the finished product been produced using processing aid as micro-organisms (Bacteria, yeast...) Enzyme,...?**  
No

If YES, please precise imperatively processing aid and it's (their) origin(s):

Processing aid	Origin	GMO free
_____	_____	_____

**CONCLUSION**

**Does the material require labeling as genetically modified?**

NO

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## ALLERGENS & INGREDIENTS LABELLING

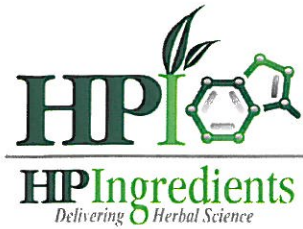
NAME OF THE PRODUCT: **Maqui Berry Extract**

	Direct Incorporation as a base raw material or in a derivative form (Don't forget the carriers ,the additives and processing aids)		CROSS CONTAMINATION					
			Presence on the production line		Presence on the production workshop		Presence on the production factory	
	Yes(precise the nature)	No	Yes(precise the nature)	No	Yes(precise the nature)	No	Yes(precise the nature)	No
Cereals containing gluten(1) and products thereof		X		X		X		X
Crustaceans & products thereof		X		X		X		X
Eggs & Products thereof		X		X		X		X
Fish & products thereof		X		X		X		X
Peanuts & products thereof		X		X		X		X
Soybeans & products thereof		X		X		X		X
Milk & products thereof (including lactose)		X		X		X		X
Nuts(2)& products thereof		X		X		X		X
Sesame seeds & products thereof		X		X		X		X
Sulphur dioxide & sulphites at concentrations of more than 10 mg/kg or 10mg/l expressed at SO <sub>2</sub>		X		X		X		X

- (1) The word (gluten) is here the general term. It applies to all the cereals which contain gluten, of which wheat,rye,barley,oats,spelt,kamut,and their hybridized strains.
- (2) Almond(*amydalus Communis*L) hazelnuts(*Corylus Acellana*), walnut(*Juglans regia*),cashew(*Anacardium occidentale*),pecan nuts (*Carya illiniesis*), Brazil nut (*Bertholettia Escelsa*) pistacionut (*pistacia vera*) macadamia nut and queensland nut (*macadamia terniflora*)

DATE: 5/2013

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## HALAL STATEMENT

May 3<sup>rd</sup>, 2013

Dear Valued Customer:

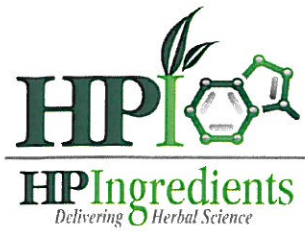
This letter is to certified that the Maqui Berry Extract do not contain alcohol, natural L-cysteine extracted from hair or feathers (synthetic L-cysteine is acceptable), animal fats and/or extracts, bloods of any origin, blood plasma, pork and/or other meat by-products, and that alcohol is not used as a processing aid.

Sincerely,



Jessica Eng

Quality Control



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May 3<sup>rd</sup>, 2013

To Whom It May Concern:

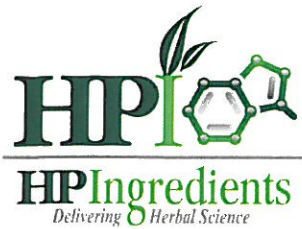
We hereby declare that are Maqui Berry extract is Non-GMO,  
BSE free, TSE free, and not subjected to irradiation at any  
time.

Sincerely,

A handwritten signature in black ink, appearing to read 'Jessica Eng', written over a horizontal line.

Jessica Eng

Quality Control



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## Country of Origin Statement and Method of Manufacturing

May 3<sup>rd</sup>, 2013

Dear Valued Customer:

This letter is to certify that the country of origin for Maqui Berry Extract is Chile and the fruits are extracted at a GMP facility in Italy. Maqui berry is hand-harvested by the Mapuche Indians in wild native forest in Southern Chile.

Sincerely,

A handwritten signature in black ink, appearing to read 'Jessica Eng', with a long, sweeping underline.

Jessica Eng

Quality Control