



UPGRADE YOUR INGRE DIENTS

A presentation of our range of botanical ingredients, conventional and organic, with the highest quality and regulatory standards.



acti
vinside

Science inside, claims outside

 **FSSC 22000**

ISO 22000
FOOD SAFETY
MANAGEMENT SYSTEM

WHO WE ARE



✓ Our company

Based in Bordeaux (France), **Activ'Inside** is an independent health foodtech company specializing in the development, production, and marketing of natural active ingredients, mainly from grape and saffron, for the health nutrition industries. Recognized in its sector (6 international prizes, 10 scientific publications), we

devote a large part of our budget to research and innovation, which has allowed us to hold 11 patents. Eighty percent of our R&D is directed towards **nutrition and neurosciences** (memory, stress), with strong academic collaborations (INRA, INSERM, CNRS, Neurocampus, European and Canadian universities).

✓ Our team

A team of **35 people** (consisting of more than 80% engineers or PhD) is engaged in meeting your needs.



✓ Our recognition

Activ'Inside's work has been **recognized and awarded internationally**.



Memophenol™
Ingredient of the year



Saf'Inside™
Finalist Nutra Ingredient awards



Grape expert
Winner



Memophenol™
Finalist Nutra Ingredient awards



SkinAx²™
Reader's food supplement of the year



Memophenol™
Pharmaceutical product category



WHAT WE DO

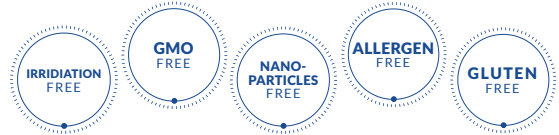


Activ'Inside has a strong expertise from raw materials to finished product development. Its **innovative solutions** are supported by **their scientifically proven efficacy, clinical studies and claims.**

CUSTOMER SATISFACTION RATE IN 2019:

98.7%

✓ Natural & premium products:



> Highest quality and regulatory standards

Signature
extract™

PREMIUM BOTANICAL EXTRACTS

> Full analytical characterization

Signature
safron™ *Signature*
grape™

GRAPE & SAFFRON EXPERTISE

- > Scientific publications
- > Proprietary studies
- > Identified mechanisms of action
- > Intellectual property



INNOVATIVE ACTIVE INGREDIENTS

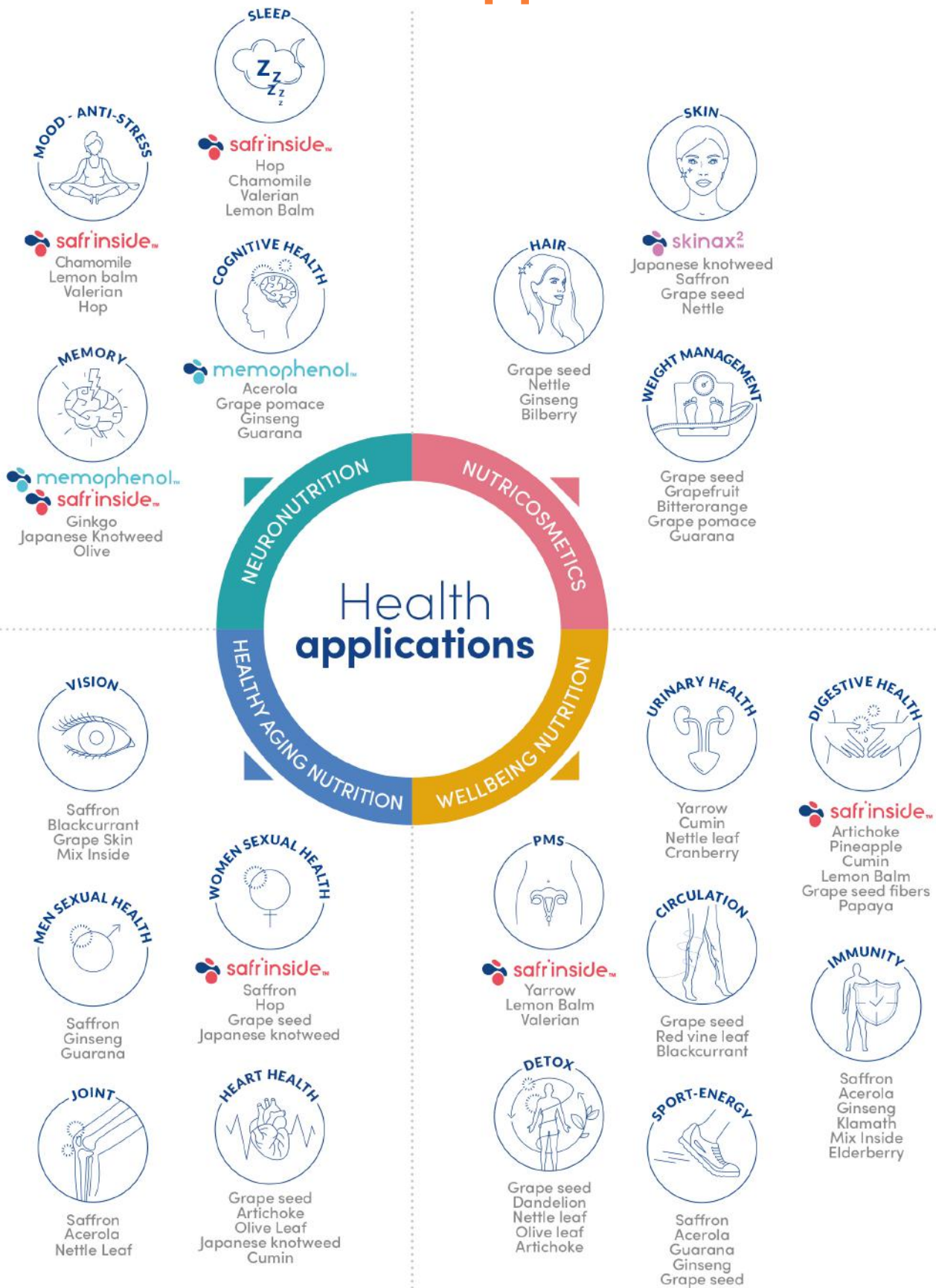
> Tailor made services



CUSTOM INGREDIENTS



Plant-based ingredients for 19 health applications



This document is addressed exclusively to the health professional sector and is not intended to be targeted directly at consumers. This brochure was written by Activ'Inside in good faith on the basis of its current knowledge of the regulatory framework of nutrition & health claims in the EU. However, the use of these information in communications to the final consumer remains under the liability of the marketer of the finished product.

Because of possible Member State's particularities, Activ'Inside recommends to its customers to ask for the validation of their labels by a regulatory consultant.

OUR REFERENCES

✓ ACTIVE INGREDIENTS



Total polyphenols (UV)
Total Flavonoids
Flavan-3-ols monomers (HPLC)
Flavan-3-ols oligomers (Perfer)
Flavonols (HPLC)
Anthocyanins (pH differential)
Phenolic acids (HPLC)
Stilbens (HPLC)

MEMOPHENOL™												
PR-0165	MEMOPHENOL™	≥ 75 %	≥ 43 %	≥ 20 %	≥ 22 %	≥ 0.15 %	≥ 0.10 %	≥ 0.50 %	≥ 300 ppm	H	K	V
PR-0165-EU	MEMOPHENOL™	≥ 75 %	≥ 43 %	≥ 20 %	≥ 22 %	≥ 0.15 %	≥ 0.10 %	≥ 0.50 %	≥ 300 ppm	/	/	V EFSA pending claims



Total polyphenols (Folin)
Total monomers (HPLC)
Total flavanols oligomers (HPLC)
SuperOxide Dismutase (Spectrometry)
Zinc (ICP-MS)
Vitamin C (HPLC)

SKINAX ² ™											
PR-0092	SKINAX ² ™	≥ 70 %	≥ 28 %	≥ 8 %	≥ 210 IU/g	≥ 2.7 %	≥ 8 %	H	K	V	Soluble ≥ 95 %
PR-0163-S	SKINAX ² ™	≥ 70 %	≥ 28 %	≥ 8 %	≥ 210 IU/g	≥ 2.7 %	≥ 8 %	/	/	/	Soluble ≥ 98 %
PR-0167-SG	SKINAX ² ™	≥ 70 %	≥ 28 %	≥ 8 %	≥ 210 IU/g	≥ 2.7 %	≥ 8 %	/	K	V	Soft gel quality



Safranal (UV)
Safranal (UHPLC)
Crocin (UHPLC)
Saffromotivins (UV)

SAFR'INSIDE™ - <i>Crocus sativus</i> L.											
PR-0033	SAFR'INSIDE™	≥ 2 %	≥ 0.2 %	≥ 3 %	≥ 12 %	H	K	V			
PR-0033-EU	SAFR'INSIDE™	≥ 2 %	≥ 0.2 %	≥ 3 %	≥ 12 %	H	K	V			

✓ CONVENTIONAL EXTRACTS

Safranal (UV)
Crocin (UHPLC)

Signature Saffron - <i>Crocus sativus</i> L.											
SAFFRON - <i>Crocus sativus</i> L.											
PR-0062	SAFFRON EX 0.4	≥ 0.4 %				H	K	V			
PR-0062-SG	SAFFRON EX 0.4	≥ 0.4 %				/	K	V			Soft gel quality
PR-0194	SAFFRON EX 5C			≥ 5 %		H	K	V			

H : Halal - K : Kosher - V : Vegan



Polyphenols
(UV)Polyphenols
(Folin)Total Flavonols
(HPLC-DAD + Porter)OPC
(Porter)Dimers
(HPLC-FLD)Monomers
(HPLC-DAD)

Specific dosage

Signature Grape - *Vitis vinifera* L.

GRAPE SEED

PR-0027	GRAP'INSIDE™ 30M	≥ 95 %	≥ 95 %	≥ 70 %	≥ 40 %	≥ 14 %	≥ 30 %		H	K	V	
PR-0027-SG	GRAP'INSIDE™ 30M	≥ 95 %	≥ 95 %	≥ 70 %	≥ 40 %	≥ 14 %	≥ 30 %		/	/	V	Soft gel quality
PR-0252	GRAP'INSIDE™ 20M	≥ 95 %	≥ 90 %		≥ 50 %	≥ 8 %	≥ 20 %		H	/	V	
PR-0253	GRAP'INSIDE™ 60 O	≥ 95 %			≥ 60 %				H	K	V	
PR-0256	GRAP'INSIDE™ 7B2	≥ 95 %	≥ 95 %	≥ 70 %	≥ 40 %	≥ 14 %	≥ 30 %	≥ 7% B2 (HPLC-DAD)	H	K	V	
PR-0258	GRAP'INSIDE™ 95P	≥ 95 %							H	K	V	
PR-0258-SG	GRAP'INSIDE™ 95P	≥ 95 %							/	K	V	Soft gel quality
PR-0264	GRAP'INSIDE™ 95 O							≥ 95 % (DO 280)	/	/	V	

RED VINE LEAF

PR-0173	RED VINE LEAF 10P	≥ 10 %						≥ 4% bioflavonoids (Folin Ciocalteu)	/	/	V	
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GRAPE POMACE

PR-0285	GRAPE POMACE INSIDE								/	/	V	
PR-0270	GRAPE POMACE INSIDE EX 10-1	≥ 45 %							/	/	V	

GRAPE SKIN

PR-0060	GRAP'INSIDE™ 4A	≥ 40 %			≥ 30 %			4% anthocyanins (pH3)	H	/	V	
PR-0171	GRAP'INSIDE™ 50O		≥ 75 %		≥ 50 %			≥ 2% anthocyanins (pH differential)	/	/	V	

WHOLE GRAPE

PR-0053	GRAP'INSIDE™ 40 O	≥ 80 %			≥ 40 %				/	/	V	
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Signature Extracts

BILBERRY - *Vaccinium myrtillus* L.

PR-0286	BILBERR'INSIDE 2A	≥ 2%						Anthocyanins (pH differential)	/	/	V	
PR-0023	BILBERR'INSIDE	25%						Anthocyanins (HPLC)	/	/	V	
		1%						Peonidin 3-O-glucoside (HPLC)				
		3%						Cyanidin 3-O-glucoside (HPLC)				

BITTER ORANGE - *Citrus aurantium* L.

PR-0111	AURANTIUM INSIDE EX 45	≥ 45%						Total flavonoids (HPLC)	/	K	V	
		< 0.5%						Furocoumarins (HPLC)				
		≤ 2%						Para-synephrine (HPLC)				

BLACKCURRANT - *Ribes nigrum* L.

PR-0026	BLACKCURRANT'INSIDE EX 30	≥ 40%						Total polyphenols (UV)	/	/	V	
		30%						Anthocyanins (HPLC)				
		≥ 10%						Cyanidin-3-glucosides (HPLC)				

CHAMOMILE - *Matricaria chamomilla* L.

PR-0274	CHAMOMILE INSIDE EX 0.3	≥ 0.3%						Apigenin & Apigenin 7-glucoside (HPLC)	/	/	V	
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H : Halal - K : Kosher - V : Vegan



Signature Extracts							
CRANBERRY - <i>Vaccinium macrocarpon</i> A.Ericaceae							
PR-0067	CRAN'INSIDE DMAC 13	13-14.5%	Total Proanthocyanidins A type (BL-DMAC)	/	/	V	
PR-0083	CRAN'INSIDE EX 7	≥ 7%	Total Proanthocyanidins A type (Eur. Ph 01/2008)	/	/	V	
PR-0045	CRAN'INSIDE EX 10	≥ 10%	Total Proanthocyanidins A type (Eur. Ph 01/2008)	/	/	V	
PR-0105	CRAN'INSIDE EX 15	≥ 15%	Total Proanthocyanidins A type (Eur. Ph 01/2008)	/	/	V	
PR-0029	CRAN'INSIDE EX 30	≥ 30%	Total Proanthocyanidins A type (Eur. Ph 01/2008)	/	/	V	
CUMIN - <i>Cuminum cyminum</i> L.							
PR-0244	CUMIN INSIDE EX 4-1	4/1	Plan / Extract ratio	/	/	V	
ELDERBERRY - <i>Sambucus nigra</i> L.							
PR-0278	ELDERBERR'INSIDE EX 7A	≥ 7%	Total Anthocyanins (pH differential)	/	/	/	
GINKGO - <i>Ginkgo biloba</i> L.							
PR-0275	GINKGO INSIDE EX 24-6	≥ 24%	Flavonol glycosides (HPLC)	/	/	V	
		≥ 6%	Terpenes lactones (HPLC)				
		≤ 5 ppm	Ginkgolic acids (HPLC)				
GRAPEFRUIT - <i>Citrus paradisi</i> Macfad							
PR-0156	GRAPEFRUIT INSIDE EX 45	≥ 45 %	Total Flavonoids (HPLC)	/	/	V	
GUARANA - <i>Paullinia cupana Kunth var. sorbilis</i> (L.)							
PR-0077	GUARANA INSIDE ST 15	15-18%	Caffein (HPLC)	/	/	V	
HOP - <i>Humulus lupulus</i> L., Cannabaceae							
PR-0248	HUMULUS INSIDE EX 10	≤ 20 ppm	8-Prenyl Naringenin (HPLC)	/	/	V	
		≥ 10 %	Total Flavonoids (UV)				
LEMON BALM - <i>Melissa officinalis</i> L.							
PR-0031	LEMON BALM'INSIDE EX 15	≥ 15 %	Total hydroxycinnamic acid (UV)	/	/	V	
		≥ 7 %	Rosmarinic acid (HPLC)				
PR-0225	LEMON BALM INSIDE EX 1R	≥ 1 %	Rosmarinic acid (HPLC)	/	/	V	
PR-0226	LEMON BALM INSIDE EX 2R	≥ 2 %	Rosmarinic acid (HPLC)	/	/	V	
PR-0220	LEMON BALM INSIDE EX 5R	≥ 5 %	Rosmarinic acid (HPLC)	/	/	V	
NETTLE - <i>Urtica dioica</i> L.							
PR-0169	NETTLE LEAVES INSIDE EX 10-1	10/1	Plan / Extract ratio	/	/	V	
PR-0251	NETTLE ROOTS INSIDE EX 10-1	10/1	Plan / Extract ratio	/	/	V	
OLIVE - <i>Olea europaea</i> L., Oleaceae							
PR-0136	OLIVE LEAVES INSIDE EX 6	≥ 6 %	Oleuropein (HPLC)	/	/	V	
RESVERATROL (Japanese Knotweed) - <i>Fallopia japonica</i> (Houtt.) Ronse Dec.							
PR-0018	RESVER'INSIDE EX 98	≥ 98 %	Trans-Resveratrol (HPLC)	/	K	V	
VALERIAN - <i>Valeriana officinalis</i> L.							
PR-0164	VALERIAN INSIDE EX 0.8	≥ 0.8 %	Valerenic acid (HPLC)	/	/	V	
PR-0273	VALERIAN INSIDE EX 0.3	≥ 0.3 %	Valerenic acid (HPLC)	/	/	V	

Other products							
GRAPE, BLACK CAROTT, RED RADISH - <i>Vitis vinifera</i> L. / <i>Daucus carota</i> L. / <i>Raphanus sativus</i> L.							
PR-0241	MIX'INSIDE GCR	≥ 30 %	Total polyphenols	H	/	V	
		3 +/- 0,2%	Total anthocyanins				
PAPAYA - <i>Carica papaya</i> L., Caricaceae							
PR-0113	PAPAIN INSIDE EX 1.6 SF	1.6-2.5 Unit FIP/mg	Proteolytic activity (FIP method)	/	/	V	
PINEAPPLE - <i>Ananas comosus</i> L., Bromeliaceae							
PR-0108	BROMELAIN INSIDE EX 3.6	3.6-4.2 Unit FIP/mg	Proteolytic activity (FIP method)	/	/	V	

✓ ORGANIC EXTRACTS

Polyphenols
(UV)

Polyphenols
(Folin)

OPC
(Porter)

Monomers
(HPLC-DAD)

Specific dosage



Signature Grape - <i>Vitis vinifera</i> L.										
GRAPE SEED										
PR-0255	GRAP'INSIDE™ 60P CO	≥ 60%	≥ 40%	≥ 25%	≥ 2%		/	/	V	
PR-0210	GRAP'INSIDE™ 50F CO					≥ 50% Fibers (AOAC)	/	/	V	
GRAPE POMACE										
PR-0243	GRAPE POMACE INSIDE CO						/	/	V	
PR-0283	GRAPE POMACE INSIDE EX 10-1 CO	≥ 45 %					/	/	V	

Safranal
(UV)

Safranal
(UHPLC)

Crocins
(UHPLC)

Saframotivines
(UV)

SAFR'INSIDE™ - <i>Crocus Sativus</i> L.										
PR-0153	SAFR'INSIDE™ CO	≥ 2%	≥ 0.2%	≥ 3%	≥ 12%		H	K	V	
PR-0153-EU	SAFR'INSIDE™ CO	≥ 2%	≥ 0.2%	≥ 3%	≥ 12%		/	/	V	
Signature Saffron - <i>Crocus sativus</i> L.										
PR-0202	SAFFRON EX 0.4 CO	≥ 0.4 %					H	K	V	
PR-0243	SAFFRON EX 5C CO			≥ 5 %			H	K	V	

Signature Extracts										
ACEROLA - <i>Malpighia glabra</i> L.										
PR-0193	ACEROLA INSIDE EX 17 CO	≥ 17%	Ascorbic acid (HPLC)				/	/	V	
ARTICHOKE - <i>Cynara scolymus</i> L.										
PR-0178	ARTICHOKE INSIDE EX 2.5 CO	≥ 2.5%	Total Polyphenols (UV)				/	/	V	
CRANBERRY - <i>Vaccinium macrocarpon</i> A.										
PR-0106	CRAN'INSIDE EX 10 CO	≥ 10%	Total Proanthocyanidins A type (Eur. Ph. 01/2008)				/	/	V	
PR-0271	CRANBERRY FRUIT INSIDE CO	≥ 14%	Total Proanthocyanidins A type (Eur. Ph. 01/2008)				/	/	V	
DANDELION - <i>Taraxacum officinale</i> Web										
PR-0091	TARAXACUM INSIDE EX 4-1 CO	4/1	Plant/Extract Ratio				/	/	V	
GINSENG - <i>Panax ginseng</i> C. A. Meyer										
PR-0265	GINSENG ROOTS INSIDE CO	≥ 0.40%	Total Ginsenosides (HPLC)				/	/	V	
GUARANA - <i>Paullinia cupana</i> Kunth var. <i>sorbilis</i> (L.)										
PR-0135	GUARANA INSIDE EX 10 CO	10 +/- 1%	Caffeine (HPLC)				/	/	V	
LEMON BALM - <i>Melissa officinalis</i> L.										
PR-0049	LEMON BALM'INSIDE EX 15 CO	≥ 15%	Total hydroxycinnamic acid (UV)				/	/	V	
		≥ 4%	Rosmarinic acid (HPLC)							
PR-0229	LEMON BALM INSIDE EX 1R CO	≥ 1%	Rosmarinic acid (HPLC)				/	/	V	
PR-0230	LEMON BALM INSIDE EX 2R CO	≥ 2%	Rosmarinic acid (HPLC)				/	/	V	
VALERIAN - <i>Valeriana officinalis</i> L.										
PR-0280	VALERIAN INSIDE EX 4-1 CO	4-5/1	Plant/Extract Ratio				/	/	V	
YARROW - <i>Achillea millefolium</i> L.										
PR-0205	YARROW INSIDE EX 4-1 CO	4/1	Plant/Extract Ratio				/	/	V	

Other products										
KLAMATH - <i>Aphazinomenon flos-aquae</i> Ralfs ex Born. & Flash var. <i>flos-aquae</i>										
PR-0223	KLAMATH CO	≥ 5%	Phycocyanin				/	/	V	

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FOR MORE
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