

## Q-NATURALE® 200V

**Description:** Quillaia Saponaria Molina Extract

**Appearance:** Amber liquid, slight odor

**Label declaration recommendation:** Quillaia Extract

**EU Classification:** E 999 (Complies with Regulation (EC) 1333/2008)

**Regulatory Status:** In the European Union Q-Naturale® 200V (Quillaia extract) is permitted for use in water-based flavoured non-alcoholic drinks and cider (excluding cidre bouché) to a maximum level of 200mg/l as an anhydrous extract. For calculation of anhydrous extract of each individual batch please refer to “Loss of drying” which can be found in the Certificate of Analysis provided with each batch. More detailed information is available on request.

**Packaging:** 20kg drum or 4kg plastic bottles  
Labelling includes batch code, label declaration and best before date.

**Delivery format:** 32 x 20kg drums per pallet, stretch wrapped with bottom sheet. Unit pallet weight: 640kg. 108 x 4kg bottles with 4 bottles to a case. 27 cases per pallet, stretch wrapped with bottom sheet. Unit pallet weight: 432kg.  
Pallet types include: Wood, 1000 x 1200mm. Other pallet sizes may be available.

**Storage and handling:** Store the unopened, originally sealed container in a clean, dry, well-ventilated warehouse at ambient temperature, away from odorous materials. Refrigerate upon opening. Best before dates applies to the originally opened container.

**Shelf life:** 24 months from date of manufacture if stored correctly in the unopened originally sealed container. Best before dates printed on each drum or bottle.

**Safety data:** Irritating to eyes. Refer to Safety Data Sheet for further information.

### SUPPLY SPECIFICATION (PHYSICAL & CHEMICAL DATA)

	Min	Max	Unit	Method
Loss on drying	78	80	%	DKI-QCM-16-v-02
pH	3.7	4.2	-	DKI-QCM-19-v-01
Saponin (Wet Basis)	13	16	%	C-18 UPLC

### SUPPLY SPECIFICATION (MICROBIOLOGICAL DATA)

	Max	Unit	Method
TVC	1000	per g	FDA(BAM)CH.3
Yeast & Mould	100	per g	FDA(BAM)CH.18
E. coli	Absent	per g	FDA(BAM)CH.4
Salmonella	Absent	per 25g	AOAC 2004.03
Staph. aureus	Absent	per g	AOAC 975.55

Effective Date: 28.10.2016 [1]

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**TYPICAL DATA\***

	<b>Value</b>	<b>Unit</b>	<b>Method</b>
Ash (Dry Basis)	< 5	%	AOAC 923.03

<b>Nutritional Data</b>	<b>Value</b>	<b>Unit</b>	<b>Method</b>
Energy	340 ± 65	kJ / 100g	Calculation
	70 ± 20	kcal / 100 g	Calculation
Fat	< 0.50	g / 100 g	AOAC 976.26 GC
of which saturates	< 0.25	g / 100 g	AOAC 41.1.28A
Carbohydrate	18±4	g / 100 g	Calculation
of which sugars	< 2.00	g / 100 g	AOAC 982.14
Fibre	< 1.00	g / 100 g	AACC 32 07
Protein	<0.5	g / 100 g	AOAC 992.15
Salt	< 250	mg / 100 g	AOAC 984.27 MOD

<b>Minerals</b>	<b>Value</b>	<b>Unit</b>	<b>Method</b>
Calcium	< 70	mg / 100 g	AOAC 984.27 MOD
Iron	< 1.5	mg / 100 g	AOAC 984.27 MOD

<b>Total Heavy Metals</b>	<b>Value</b>	<b>Unit</b>	<b>Method</b>
Arsenic	2	mg/kg	ICP-MS / AOAC 993.14
Lead	2	mg/kg	ICP-MS / AOAC 993.14
Mercury	1	mg/kg	ICP-MS / AOAC 993.14

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## ADDITIONAL INFORMATION

<b>Pesticides</b>	Q-Naturale® 200V is manufactured from sustainably harvested, wild Quillaja saponaria molina trees from non-agricultural land not subject to pesticide use or pesticide drift.
<b>Kosher certificate</b>	Yes
<b>Halal certificate</b>	Yes
<b>Preservative</b>	None used

\* While this information is typical of the product it should not be considered a specification

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