



Specialty Malts that Make Your Beer So Special

Product technical specification data sheet

LEMON VERBENA LEAF CHOPPED



Product general characteristics

Name	LEMON VERBENA
Latin name	Lippia citriodora H.B.K. (Verbenaceae)
Part of the plant used	Leaf: VERBENAE CITRIODORAE FOLIUM

Product detailed description

Main components	- essential oil composed of monoterpenes (citral, limonene, linalool, terpineol, ...) - flavonoids: mainly flavones and their methyl ethers (salvigenine, hispiduline, eupafoline, eupatorine, ...)
Properties	Strong lemon character but less crisp than lemon
Usage	Wheat beer, IPA, Belgian ales, pale ales
Produced by	Fagron NV, Belgium
Country of origin	Cf certificate
Best use before	Cf label
Main storage conditions (T°, ...)	Tightly close, shielded from light and moisture

Information on label

Sales Name	Yes
List of ingredients	No
Ingredients quantities or categories (expressed as percentage)	No
Nett quantity	Yes
Date of minimum durability	Yes
Specific storage conditions or use	Yes
Manufacturer name and address	Yes
Origin	No
Instructions for use	No
Alcoholic titration	No
Identification (batch nr.)	Yes
Transport conditions (T°, ...)	Transport at room temperature, shielded from light and moisture

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Characteristics	
Macroscopic and microscopic characteristics	French Pharmacopoeia
Identification	
Macroscopic characteristics	French Ph. - Identification A
Microscopic characteristics	French Ph. - Identification B
Thin layer chromatography	French Ph. - Identification C (arbutoside, rutine)
Microbiological characteristics (analysis only on specific request)	
Aerobic mesophilic	< 50.000.000 /g
Yeast / mould	< 500.000 /g
Escherichia coli	< 500 /g
Assay	
Verbena officinalis (TLC)	absence
Loss on drying	Max 10 %
Total ash	Max 13 %
Ash soluble in HCl	Max 3,5 %
Dosage	
Acteoside (HPLC)	Min 2,5 % standard
Essential oil	Min 3,0 %
Allergens	
	+ indicates presence of the substance or material - indicates total absence of the substance or material ? indicates no certainty of absence of the substance or material
Gluten	-
Crustaceans	-
Peanuts	-
Soybean	-
Milk	-
Almonds	-
Mustard	-

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Allergens	
Lupine	-
Hazelnuts	-
Nuts	-
Eggs	-
Pistachios	-
Fish	-
Celery	-
Sesame seeds	-
Shellfish	-
Sulphur dioxide and sulphites with concentrations exceeding 10 mg/kg or 10 mg/litre expressed as SO ₂ (E220-E227)	-
Quality settings	
Quality assurance	<ul style="list-style-type: none"> • A quality policy has been defined and written. • A quality manual / documentation system has been defined into the company in order to insure the quality of our products. It is based on the IFS (International Food Standard) repository. • With a repository used in the food sector, our quality manual includes in particular a HACCP evaluation of our products. • Analyses are realised on the commercialised products. We have an internal laboratory to realize these analyses.
Traceability	<ul style="list-style-type: none"> • Traceability is insured from the reception of the product to the delivery to our customer. • A withdrawal process of our products has also been defined in case of problem.

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