

TECHNICAL DATA SHEET

Effective date: 07.2019

Benzoin Absolute

INFORMATION ON SUBSTANCE / MIXTURE

I.N.C.I.	Styrax tonkinensis resin extract
Manufacturing process	Obtained by extraction with ethyl alcohol from the gum of Styrax tonkinensis plant
Part used	Gum

TECHNICAL DATA

Physical parameters

Appearance	Solid
Color	Brown
Odor	Sweet, balsamic
Relative density (d20/20)	N.A.
Refractive index at 20°C	N.A.
Angular rotation (°)	N.A.
Flash point	93°C

Chemical parameters

Hydrocarbon content	<1%
V.O.C. (volatile organic compound) content	N.A.

Biological parameters

Aerobic Bacteria (TAMC)	< 100 cfu/g
Yeasts and molds	< 10 cfu/g
Enterobacteriaceae	< 10 cfu/g
Salmonella	Absent in 25g
Escherichia coli	Absent in 1g
Staphylococcus aureus	Absent in 1g

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Contaminants

Heavy metals	The raw plant material conforms to EC Reg. 629/2008. Because of the concentration factor of the extraction process, the extract itself may have high levels of some heavy metals. However, at the recommended level of use per application, the final consumer product will also conform to European legislation.
Pesticides	The raw plant material conforms to EC Reg. 839/2008 amending EC Reg. 396/2005. Because of the concentration factor of the extraction process, the extract itself may have high levels of some pesticides. However, at the recommended level of use per application, the final consumer product will also conform to European legislation.
Residual solvents	According to Directive 2009/32/EC
Mycotoxins/ contaminants	According to EC Reg. 629/2008 amending EC Reg. 1881/2006
IPA	According to CE Reg. 2015/1933
BSE/TSE	Does not contain ingredients of animal origin, there is no risk of cross contamination because it is not present in our factory
GMO	GMO free according to EC Reg. 1829/2003 and 1830/2003
Radioactivity	According to EC Reg. 1048/2009 (extension of EC Regulation 733/2008)

Content of limited substances which shall not be added as such to food (annex III CE Reg. 1334/2008)

Compound	Max %
Agaric acid	0.00
Aloin	0.00
Capsaicin	0.00
1,2-Benzopyrone, coumarin	0.00
Hypericin	0.00
Beta-asarone	0.00
Estragole (methyl caviicol, 1-allil-4-methoxybenzene)	0.00
Hydrocyanic acid	0.00
Menthofuran	0.00
Methyleugenol (4-allil-1,2-dimethoxybenzene)	0.00
Pulegone	0.00

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Quassin	0.00
Safrole (1-allyl-3,4-methylenedioxybenzene)	0.00
Teucrin A	0.00
Alpha-thujone	0.00
Beta-thujone	0.00

TRANSPORT, STORAGE and SHELF LIFE

Storage conditions	Store product in full, tightly closed containers
Shelf Life	Min 36 months under good storage conditions

LEGISLATION

Food grade	The product is suitable to be used in food in accordance with CE Reg. 1334/2008 – NATURAL “FLAVORING PREPARATION”
Vegan and vegetarian statement	It does not contain animal ingredients, it is not tested on animals and the manufacturing process does not include animal ingredients or byproducts.
FDA	172.510
FEMA	2133
COE	439n
EINECS	281-683-4
C.A.S.	9000-72-0 / 84012-39-5
REACH pre-registration number	05-2118411192-57-0000

LABELING

Hazard pictograms	
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Hazard categories	EDI1 Serious eye damage / eye irritation 1 EHC3 Hazardous to the aquatic environment, long-term hazard 3 SS1B Sensitization, skin 1B STO-RE1 Specific target organ toxicity, repeated exposure 1
Hazard statements	H317 - May cause an allergic skin reaction. H318 - Causes serious eye damage. H372 - Causes damage to organs through prolonged or repeated exposure. H412 - Harmful to aquatic life with long lasting effects.
Precautionary statements	P260 - Do not breathe dust/fume/gas/mist/vapors/spray. P261 - Avoid breathing dust/fume/gas/mist/vapors/spray. P264 - Wash thoroughly after handling. P270 - Do not eat, drink or smoke when using this product. P272 - Contaminated work clothing should not be allowed out of the workplace. P273 - Avoid release to the environment.
European Union specific hazard statements	None

DISCLAIMER

All warranty claims in respect to the conformity of our product are subject to our General Terms and Conditions of Sale and Delivery. The data listed above reflects the results of the manufacturer or our supplier quality tests. We do not hereby make any express or implied warranty, whether for specific properties or for fitness for any particular application or purpose. All values are valid for the product when dispatched from the works. We recommend you perform your own quality and or identification checks on receipt.