

GLOBAL FOOD ALLERGEN STATEMENT

Tilley Distribution certifies to the best of our knowledge that this product contains the following allergic or sensitizing components as indicated on the chart below. It is also indicated if the named ingredient is produced on shared equipment with other allergens or sensitizers.

10003-01 VANILLIN EX CATECHOL

Allergic Food Source or it's Derivative	Does this Ingredient Contain any Foods Listed in Column 1	Provide the Specific Food (Ex. Soy, lecithin, peanut extract, fish gelatin, etc.)	Is this Ingredient on Shared Equipment with other Products Containing Foods from Column (1)
	Yes / No	Common or Unusual Name	Yes / No
Crustaceans, shellfish and products thereof	NO		NO
Eggs and products thereof	NO		NO
Fish and products thereof	NO		NO
Milk and products thereof	NO		NO
Peanuts and products thereof	NO		NO
Soybeans and products thereof	NO		NO
Tree nuts and products thereof (including Coconut)	NO		NO

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Wheat and products thereof ¹	NO		NO
Cereals containing gluten and products thereof	NO		NO
Buckwheat and products thereof	NO		NO
Celery and products thereof	NO		NO
Lupin and products thereof	NO		NO
Mollusks and products thereof	NO		NO
Mustard and products thereof	NO		NO
Sesame seeds and products thereof	NO		NO
Sulfur dioxide and sulfites at concentrations of more than 10ppm expressed as SO ₂	NO		NO
Bee Pollen/Propolis and products thereof	NO		NO
Royal Jelly and products thereof	NO		NO
Peach and products thereof	NO		NO
Tomato and products thereof	NO		NO
Pork and products thereof	NO		NO
Beef and products thereof	NO		NO
Chicken and products thereof	NO		NO
Squid and products thereof	NO		NO
Mango and products thereof	NO		NO

NUTRITIONAL STATEMENT

Tilley Distribution certifies to the best of our knowledge that the following product contains no significant nutritional value and is exempt from labeling in the United States and European Union.

10003-01 VANILLIN EX CATECHOL

Per the United States 21 CFR 101.9(j)(4), "Foods that contain insignificant amounts of all of the nutrients and food components required to be included in the declaration of nutrition information under paragraph (c) of this section, Provided, That the food bears no nutrition claims or other nutrition information in any context on the label or in labeling or advertising. Claims or other nutrition information subject the food to the provisions of this section. An insignificant amount of a nutrient or food component shall be that amount that allows a declaration of zero in nutrition labeling, except that for total carbohydrate, dietary fiber, and protein, it shall be an amount that allows a declaration of "less than 1 gram." Examples of foods that are exempt under this paragraph include coffee beans (whole or ground), tea leaves, plain unsweetened instant coffee and tea, condiment-type dehydrated vegetables, flavor extracts, and food colors."

Per EU Regulation No 1169/2011 Annex V, unprocessed products that comprise a single ingredient or category of ingredients, a herb, a spice or mixture thereof, flavorings, food additives and processing aids are exempt from the mandatory nutrition declaration.

Issue Date: **October 10, 2024**
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Revision #: **1**

NON-GMO / BE STATEMENT

Tilley Distribution certifies to the best of our knowledge that the following product is in accordance with Regulation (EC) No 1829/2003, (EC) No 1830/2003 and Directive No (EC) 18/2001, promulgated by the European Parliament and the Council of the European Union, and does not contain any genetically modified organisms as defined by these Regulations.

In addition, this product does not contain any bioengineered components as defined in 7 CFR 66 by the United States Department of Agriculture (USDA).

10003-01 VANILLIN EX CATECHOL FCC

TILLEY
DISTRIBUTION

Issue Date: December 4, 2024
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ETHYLENE OXIDE STATEMENT

UNITED STATES 40 CFR 180.151

Tilley Distribution certifies to the best of our knowledge that the following product has not been treated with Ethylene Oxide (ETO) and therefore does not contain residues of Ethylene Oxide or its reaction products, Ethylene Chlorohydrin and Ethylene Glycol.

10003-01 VANILLIN EX CATECHOL



TILLEY
DISTRIBUTION

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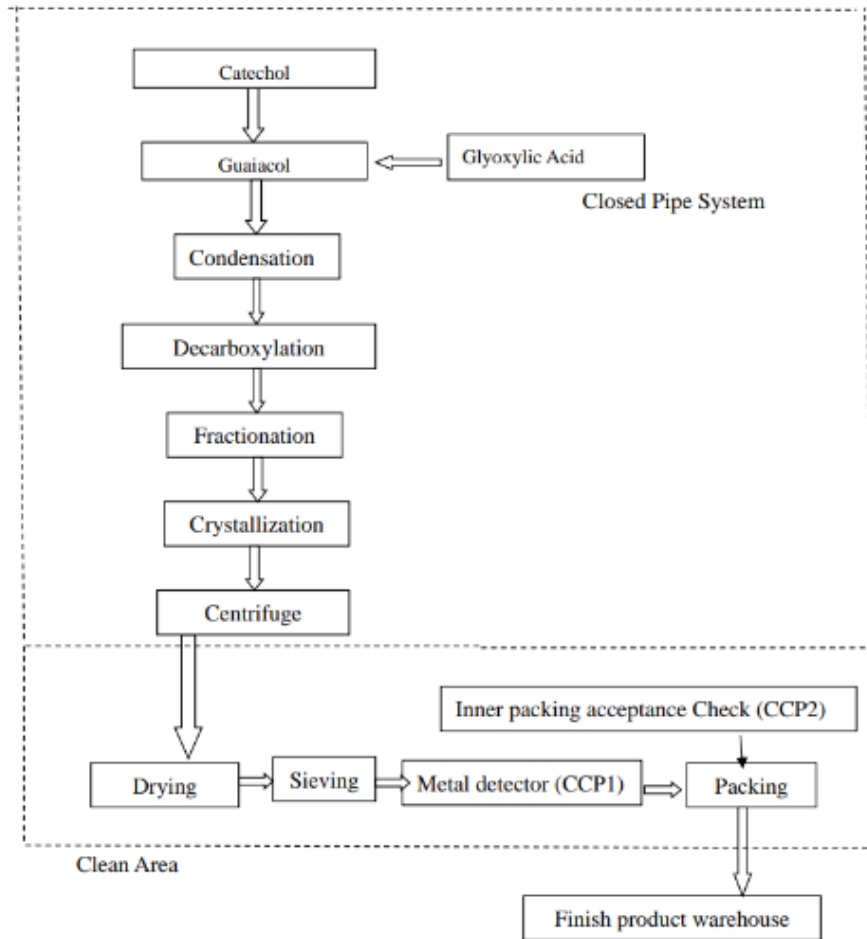
Revision Date: July 15, 2024
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355 Chestnut Street Norwood, NJ 07648
Tel. (201) 784-6100, Fax (201) 784-8566

FLOW CHART

10003-01 VANILLIN EX CATECHOL



CANADA FOOD SUITABILITY STATEMENT

SAFE FOOD FOR CANADIANS ACT SC 2012 C 24

Tilley Distribution certifies to the best of our knowledge that the following product has been manufactured according to current good manufacturing practices and complies with the Food and Drug Regulations. This substance is suitable for use in food in Canada.

10003-01 VANILLIN EX CATECHOL



TILLEY
DISTRIBUTION

Issue Date: July 17, 2024
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HEAVY METAL STATEMENT

Tilley Distribution certifies to the best of our knowledge that the following product is in compliance with the maximum permitted levels of heavy metals per European Union (EU) Commission Regulation 2023/915 Annex I, the United States Food Drug and Cosmetic Act and Codex Alimentarius.

10003-01 VANILLIN EX CATECHOL



TILLEY
DISTRIBUTION

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CERTIFICATE OF ORIGIN

Tilley Distribution certifies to the best of our knowledge that this product is produced and imported from the following country(ies):

10003-01 VANILLIN EX CATECHOL

Country of manufacture	China
Country of import	China

LOT: L240226606003

TILLEY
DISTRIBUTION

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Revision #: 0

IRRADIATION STATEMENT

21 CFR PART 179

Tilley Distribution certifies to the best of our knowledge that the following product has not been irradiated.

10003-01 VANILLIN EX CATECHOL



TILLEY
DISTRIBUTION

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COMPOSITION STATEMENT

Tilley Distribution certifies to the best of our knowledge that the following product is 100% of the named substance. No fillers, solvents, carriers or other non-active components have been added.

10003-01 VANILLIN EX CATECHOL FCC



TILLEY
DISTRIBUTION

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Revision #: 0

RESIDUAL SOLVENT STATEMENT

<USP 467>

Tilley Distribution certifies to the best of our knowledge that this product contains the following residual solvents:

10003-01 VANILLIN EX CATECHOL

Class 1 – None

Class 2 – None

Class 3 – Limited by GMP

Solvent
Ethanol @ 0.05%

Issue Date: September 12, 2024

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July 30, 2024

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PESTICIDE STATEMENT

Tilley Distribution certifies to the best of our knowledge that the following product is not derived from agricultural products and therefore, does not contain pesticide residues.

10003-01 VANILLIN EX CATECHOL



TILLEY
DISTRIBUTION

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CONTINUING GUARANTEE STATEMENT

21 CFR PART 7

Tilley Distribution guarantees each shipment or other delivery of the substance listed below, hereafter made by the undersigned to you, or on your order, or to or on the order of any subsidiary or affiliated company of yours, as of the date of each shipment or delivery to be, on such date, not adulterated or misbranded within the meaning of the Federal Food, Drug and Cosmetic Act, and not an article which may not, under the provisions of Section 404 or 505 of the Act, be introduced into interstate commerce and to be not adulterated or misbranded within the meaning of the statutes of any state of the United States in which the definitions of adulteration and misbranding are substantially the same as set forth under the Federal Act. This guarantee applies only to the following articles you purchase or may receive for evaluation.

10003-01 VANILLIN EX CATECHOL

The undersigned further agrees that the above guarantee shall apply to all shipments or other deliveries of these articles to you hereafter until revoked in writing or until three (3) years from the date hereof, whichever first occurs.

 Gira Patel

Gira Patel

Senior Regulatory Affairs Specialist

Issue Date: April 3, 2024

Revision Date: September 28, 2022
Revision #: 0



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FOOD GRADE STATEMENT

Tilley Distribution certifies to the best of our knowledge that the following product has been manufactured according to Good Manufacturing Practices (cGMP) and is safe for its intended use in food.

The specifications of the product satisfy the requirements for food grade suitability, including, but not limited to, the purity criteria referred to in the United States Regulation 21 CFR §170.30 (d) and (h); and within the meaning defined in EU Regulations 1334/2008/EEC and 178/2002 regarding flavoring substances.

10003-01 VANILLIN EX CATECHOL

Disclaimer: Electronic Nicotine Delivery Systems (ENDS)

This raw material has not been tested or proven safe for inhalation. With this document, Tilley Distribution only attests to the safety of the product when used within the Codex definition of food:

Food means any substance, whether processed, semi-processed or raw, which is intended for human consumption, and includes drink, chewing gum and any substance, which has been used in the manufacture, preparation or treatment of "food" but does not include cosmetics or tobacco or substances used only as drugs.

A handwritten signature in black ink that reads 'Sierra Santiago'.

Sierra Santiago
Regulatory Affairs Specialist

Issue Date: June 18, 2024

Revision Date: September 28, 2022
Revision #: 0



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READY-TO-EAT FOOD (RTE FOOD) STATEMENT

21 CFR 117.3

Tilley Distribution certifies to the best of our knowledge that the following product is safe for human consumption at appropriate intended use levels in ready-to-eat (RTE food) applications without further processing required.

Ready-to-eat food (RTE food) is defined as *“any food that is normally eaten in its raw state or any other food, including a processed food, for which it is reasonably foreseeable that the food will be eaten without further processing that would significantly minimize biological hazards”*.

10003-01 VANILLIN EX CATECHOL

A handwritten signature in black ink that reads 'Sierra Santiago'.

Sierra Santiago
Regulatory Affairs Specialist

Issue Date: June 18, 2024

Revision Date: November 30, 2022
Revision #: 0



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WORLD ANTI-DOPING AGENCY STATEMENT

Tilley Distribution certifies to the best of our knowledge that the following product that the following product does not contain any ingredients on the World Anti-Doping Agency (WADA) list of prohibited substances, NFL/NFLPA Banned Substances List or Annex A of NSF306 – Certification Guidelines for Athletic Banned Substances.

Additionally, the manufacturing plant/warehouse does not use or store any materials on the WADA list of prohibited substances; NFL/NFLPA banned Substances List or Annex A of NSF306- Certification Guidelines for Athletic Banned Substances.

10003-01 VANILLIN EX CATECHOL



Sierra Santiago

Sierra Santiago
Regulatory Affairs Specialist



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VEGAN SUITABILITY STATEMENT

Tilley Distribution certifies to the best of our knowledge that the following product is suitable for vegans. This material was not tested on animals and is not derived nor processed from animal or animal derived ingredients, including eggs, shellfish, fish, bees and dairy.

10003-01 VANILLIN EX CATECHOL

Definition:

Vegan – a strict vegetarian who does not consume or use any products derived from animals such as meat, eggs, bees or dairy.

Sierra Santiago

Sierra Santiago
Regulatory Affairs Specialist

Issue Date: June 18, 2024

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Revision #: 0



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BOVINE SPONGIFORM ENCEPHALOPATHY STATEMENT

Tilley Distribution certifies to the best of our knowledge that the following product does not contain and is not derived from specified risk materials as defined in the final European Union Commission Decision on the “Prohibition of the use of material presenting risks as regards transmissible spongiform encephalopathies”, effective January 1998 or as defined by the Food and Drug Administration in 21 CFR 700.27.

10003-01 VANILLIN EX CATECHOL

**TILLEY
DISTRIBUTION**

Sierra Santiago
Sierra Santiago
Regulatory Affairs Specialist

Issue Date: March 18, 2024

Revision Date: September 28, 2022
Revision #: 0



355 Chestnut Street Norwood, NJ 07648
Tel. (201) 784-6100, Fax (201) 784-8566

CALIFORNIA PROPOSITION 65 STATEMENT

SAFE DRINKING WATER AND TOXIC ENFORCEMENT ACT OF 1986

Tilley Distribution certifies to the best of our knowledge that the following product does not contain any components listed on California Proposition 65.

10003-01 VANILLIN EX CATECHOL

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DISTRIBUTION

Sierra Santiago

Sierra Santiago
Regulatory Affairs Specialist

Issue Date: June 18, 2024

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Revision #: 0



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GLUTEN FREE STATEMENT

UNITED STATES 21 CFR 101.85 AND 21 CFR 101.91

Tilley Distribution certifies to the best of our knowledge that the following product does not contain gluten according to requirements defined by the US Food and Drug Administration (FDA).

10003-01 VANILLIN EX CATECHOL

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Sierra Santiago

Sierra Santiago
Regulatory Affairs Specialist

Issue Date: June 18, 2024

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May 3, 2023
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INGREDIENT STATEMENT

Tilley Distribution certifies to the best of our knowledge that the following product does not contain 1,4-Dioxin (CAS: 290-67-5).

10003-01 VANILLIN EX CATECHOL

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DISTRIBUTION

A handwritten signature in black ink, appearing to read 'April Gelnow', is positioned above a horizontal line.

April Gelnow
Director of Regulatory Affairs

Issue Date: December 26, 2023

Revision Date:
Revision #:

January 3, 2023
0



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Tel. (201) 784-6100, Fax (201) 784-8566

MELAMINE STATEMENT

Tilley Distribution certifies to the best of our knowledge that the following product does not contain melamine nor is it used as an ingredient or processing aid. In addition, melamine is not present in the facility.

10003-01 VANILLIN EX CATECHOL

TILLEY
DISTRIBUTION

A handwritten signature in black ink, appearing to read 'April Gelnow', is positioned above a horizontal line.

April Gelnow
Director of Regulatory Affairs

Issue Date: December 13, 2023

Revision Date: December 30, 2022
Revision #: 0



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Tel. (201) 784-6100, Fax (201) 784-8566

PALM STATEMENT

Tilley Distribution certifies to the best of our knowledge that the following product does not contain palm oil nor palm derived components.

10003-01 VANILLIN EX CATECHOL

TILLEY
DISTRIBUTION

Sierra Santiago

Sierra Santiago
Regulatory Affairs Specialist

Issue Date: June 18, 2024

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Revision #:

April 14, 2023
0



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EU FRAGRANCE ALLERGENS STATEMENT

REGULATION EC NO 1223/2009

Tilley Distribution certifies to the best of our knowledge that this product contains the following components listed in Annex III of the Regulation.

10003-01 VANILLIN EX CATECHOL

INGREDIENT	CAS	REFERENCE NUMBER	%
3-Propylideneophthalide	1736-59-4	III / 175	
6-Methyl coumarin*	92-48-8	III / 46	
Acetyl cedrene	32388-55-9	III / 327	
alpha-Isomethyl ionone	127-51-5	III / 90	
Amyl cinnamic aldehyde	122-40-7	III / 67	
Amyl salicylate	2050-08-0	III / 328	
Anethole	104-46-1 4180-23-8	III / 329	
Anisyl alcohol	105-13-5 1331-81-3	III / 80	
Benzaldehyde	100-52-7	III / 330	
Benzyl alcohol	100-51-6	III / 45	
Benzyl benzoate	120-51-4	III / 85	
Benzyl cinnamate	103-41-3	III / 81	
Benzyl salicylate	118-58-1	III / 75	
Butylphenyl methylpropional (Lilial)**	80-54-6	III / 83	

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August 22, 2023

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Camphor	76-22-2 21368-68-3 464-49-3 464-48-2	III / 331	
Cananga odorata flower oil and extract (Cananga Oil / Extract)	83863-30-3 8006-81-3	III / 347	
Carvone	99-49-0 6485-40-1 2244-16-8	III / 333	
Caryophyllene beta	87-44-5	III / 332	
Cedrus atlantica oil and extract (Cedarwood oil Atlas)	92201-55-3 8023-85-6	III / 122	
Cinnamic alcohol	104-54-1	III / 69	
Cinnamic aldehyde	104-55-2	III / 76	
Cinnamomum cassia leaf oil (Cassia oil)	8007-80-5 84961-46-6	III / 348	
Cinnamomum zeylanicum bark oil (Cinnamon bark oil)	8015-91-6 84649-98-9	III / 349	
Citral (Geranial + Neral)	5392-40-5	III / 70	
Citronellol	106-22-9 26489-01-0 1117-61-9 7540-51-4	III / 86	
Citrus aurantium amara flower oil (Petitgrain oil)	72968-50-4	III / 350	
Citrus aurantium amara peel oil (Orange oil bitter)	68916-04-1 72968-50-4	III / 351	
Citrus aurantium bergamia peel oil (Bergamot oil)	8007-75-8 89957-91-5 68648-33-9 8007-75-8 85049-52-1	III / 352	
Citrus aurantium dulcis flower oil (Orange flower oil)	8028-48-6 8016-38-4	III / 350	
Citrus aurantium dulcis peel oil (Orange oil sweet)	97766-30-8 8028-48-6 8008-57-9	III / 351	
Citrus limon peel oil (Lemon oil)	84929-31-7 8008-56-8	III / 353	
Coumarin	91-64-5	III / 77	



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Cymbopogon citratus leaf oil (Lemongrass oil West India)	8007-02-1 91844-92-7	III / 354	
Cymbopogon flexuosus oil (Lemongrass oil East India)	91844-92-7	III / 354	
Cymbopogon schoenanthus oil (Lemongrass oil)	8007-02-1 89998-16-3	III / 354	
Dimethyl phenethyl acetate	151-05-3	III / 334	
Eucalyptus globulus leaf/twig oil (Eucalyptus oil)	97926-40-4 8000-48-4	III / 355	
Eugenia caryophyllus oil stem/flower/leaf/bud (Clove oil)	8000-34-8 8015-97-2 84961-50-2	III / 356	
Eugenol	97-53-0	III / 71	
Eugenyl acetate	93-28-7	III / 368	
Evernia furfuracea (Treemoss) Extract	90028-67-4	III / 92	
Evernia prunastri (Oakmoss) Extract	9000-50-4 90028-68-5	III / 91	
Farnesol	4602-84-0	III / 82	
Geranial	141-27-5	III / 70	
Geraniol	106-24-1	III / 78	
Geranyl acetate	105-87-3	III / 369	
Hexadecanolactone	109-29-5	III / 335	
Hexamethylindanopyran (Galaxolide)	1222-05-5	III / 336	
Hexyl cinnamic aldehyde	101-86-0	III / 87	
Hydroxycitronellal	107-75-5	III / 72	
Hydroxyisohexyl 3-cyclohexene carboxaldehyde (Lylal)**	31906-04-4 51414-25-6	III / 79	
Isoeugenol	97-54-1 5932-68-3 5912-86-7	III / 73	
Isoeugenyl acetate	93-29-8	III / 370	
Jasminum grandiflorum flower extract (Jasmine)	84776-64-7 90045-94-6	III / 357	
Jasminum officinale oil (Jasmine)	8022-96-6 8024-43-9	III / 357	
Jasminum officinale flower extract (Jasmine)	90045-94-6	III / 357	
Juniperus virginiana oil (Cedarwood oil Virginia)	8000-27-9 85085-41-2	III / 358	
Juniperus virginiana wood oil (Cedarwood oil Virginia)	8000-27-9 85085-41-2	III / 358	



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Laurus nobilis leaf oil (Laurel)	8002-41-3 8007-48-5 84603-73-6	III / 359	
Lavandula hybrida oil / extract (Lavandin Oil)	91722-69-9 8022-15-9 93455-96-0 93455-97-1 92623-76-2	III / 360	
Lavandula intermedia oil / extract	84776-65-8 8000-28-0 90063-37-9	III / 360	
Lavandula augustifolia oil (Lavender Oil)	84776-65-8 8000-28-0 90063-37-9	III / 360	
Limonene	138-86-3 7705-14-8 5989-27-5 5989-54-8	III / 88	
Linalool	78-70-6	III / 84	
Linalyl acetate	115-95-7	III / 337	
Lippia citriodora absolute (Verbena absolute)	8024-12-2 85116-63-8	III / 196	
Mentha piperita oil (Peppermint Oil)	8006-90-4 84082-70-2	III / 361	
Mentha spicata / viridis oil (Spearmint oil)	8008-79-5 84696-51-5	III / 362	
Menthol	89-78-1 1490-04-6 2216-51-5 15356-60-2	III / 338	
Methyl 2-octynoate	111-12-6	III / 89	
Methyl salicylate	119-36-8	III / 324	
Narcissus poeticus/ /Jonquilla/Tazetta extract (Narcisse)	90064-26-9 68917-12-4 90064-27-0 90064-25-8	III / 363	
Narcissus pseudonarissus	90064-27-0	III / 363	
Neral	106-26-3	III / 70	
Pelargonium graveolens oil (Geranium Oil)	90082-51-2 8000-46-2	III / 364	



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Peru oil – absolute and anhydrol	8007-00-9	III / 154	
Pinene alpha	80-56-8 7785-70-8	III / 371	
Pinene beta	127-91-3 18172-67-3	III / 371	
Pinus mugo leaf and twig oil and extract (Mountain pine)	90082-72-7	III / 109	
Pinus pumila leaf and twig oil and extract (Siberian dwarf pine)	97676-05-6	III / 114	
Pogostemon cablin oil (Patchouli Oil)	8014-09-3 84238-39-1	III / 365	
Rosa damascene flower oil/extract (Rose Oil / Extract)	8007-01-0 90106-38-0	III / 366	
Rosa alba flower oil/extract	93334-48-6	III / 366	
Rosa canina flower oil	84696-47-9	III / 366	
Rosa centifolia flower oil / extract	84604-12-6	III / 366	
Rosa gallica flower oil	84604-13-7	III / 366	
Rosa moschata flower oil	-	III / 366	
Rosa rugosa flower oil	92347-25-6	III / 366	
Rose ketones	43052-87-5 23726-94-5 24720-09-0 23696-85-7 57378-68-4 71048-82-3 23726-92-3 23726-91-2	III / 157	
Salicyladehyde	90-02-8	III / 340	
Santalol	11031-45-1 115-71-9 77-42-9	III / 341	
Sclareol	515-03-7	III / 342	
Santalum album oil (Sandalwood East India Oil)	8006-87-9 84787-70-2	III / 367	
Terpinene alpha	99-86-5	III / 131	
Terpineol	8000-41-7 98-55-5 138-87-4 586-81-2	III / 343	



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Terpinolene	586-62-9	III / 133	
Tetramethylacetyloctahydronaphthalenes (Iso E Super)	54464-57-2 54464-59-4 68155-66-8 68155-67-9	III / 344	
Trimethylbenzenepropanol (Majantol)	103694-68-4	III / 345	
Trimethylcyclopentenyl methylisopentenol (Ebanol)	67801-20-1	III / 339	
Turpentine gum, oil – rectified / steam distilled	9005-90-7 8006-64-2 8052-14-0	III / 124	
Vanillin	121-33-5	III / 346	100
Ylang Ylang flower oil and extract	68606-83-7 93686-30-7	III / 347	

The information contained in this document is accurate to the best of our knowledge at the time given. This document is provided for internal use only. Tilley Distribution is not liable for any damages that may result from the misuse of data. Blank means <1ppm or not detectable.

** Prohibited by IFRA.*

***No longer permitted in cosmetics in the European Union and has been delisted from Annex III.*





TILLEY DISTRIBUTION
355 Chestnut Street
Norwood, NJ 07648

Phone: (201) 784-6100

Certificate Of Analysis

VANILLIN EX CATECHOL

LOT# L170559U

10003-01-F25BOXA

EU CAS#: 121-33-5

FEMA #: 3107

US CAS#: 121-33-5

Order Details

Customer: PEPSI COLA

Part Number: 17192MVA

Quantity Ordered: 1 - 10zJAR

Customer PO: 14500611591

Product Details

MOLECULAR FORM	C8H8O3	BOILING POINT (C)	285
MOLECULAR WGT	152.15	FLASH POINT (F)	212
MELTING POINT (C)	82	SHELF LIFE (Days)	1095
MANUFACTURE DATE	3/28/2023		
ANALYSIS DATE	6/26/2023	EXPIRATION DATE	6/26/2026

Specifications

Test/Property	Specification	Result
ODOR	INTENSELY SWEET, VERY TENACEOUS CREAMY VANILLA LIKE	CONFORMS
COLOR	WHITE OR CREAMY WHITE CRYSTALS OR CRYSTALLINE POWDER	CONFORMS
PURITY (BY GC)	99.00 - 100.00 %	99.95 %
SOLUBILITY	SOLUBLE IN ALCOHOL, PG; SOLUBLE 1G IN 100ML WATER AT 25 °C	CONFORMS
ARSENIC	0.0003 % MAX	CONFORMS
HEAVY METALS	0.001 % MAX	CONFORMS
IDENTIFICATION	CONFORMS TO STANDARD	CONFORMS
LOSS ON DRYING	0.50 % MAXIMUM	0.06 %
MELTING POINT RANGE (°C)	81.0 - 83.0 °C	81.6 °C
RESIDUE ON IGNITION	0.05 % MAX	CONFORMS

Quality Director:
James Koestler

Spec ID. STD
Ver. 2
Ver. Date 8/18/2023



TILLEY DISTRIBUTION
355 Chestnut Street
Norwood, NJ 07648

Phone: (201) 784-6100

Certificate Of Analysis

VANILLIN EX CATECHOL

LOT# L170559U

10003-01-F25BOXA

EU CAS#: 121-33-5

FEMA #: 3107

US CAS#: 121-33-5

Order Details

Customer: PEPSI COLA

Part Number: 17192MVA

Quantity Ordered: 1 - 10zJAR

Customer PO: 14500611591

Product Details

MOLECULAR FORM	C8H8O3	BOILING POINT (C)	285
MOLECULAR WGT	152.15	FLASH POINT (F)	212
MELTING POINT (C)	82	SHELF LIFE (Days)	1095
MANUFACTURE DATE	3/28/2023		
ANALYSIS DATE	6/26/2023	EXPIRATION DATE	6/26/2026

Specifications


Test/Property	Specification	Result
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Stability and Storage Conditions

STABLE UNDER NORMAL CONDITIONS

COMMENT

Quality Director:
James Koestler



Spec ID. STD
Ver. 2
Ver. Date 8/18/2023

FoodChain ID Standard Ingredient Form

This form facilitates the verification process for enrolled participants. The Non-GMO Project (NGP) Standard requires FoodChain ID to assess all potential GMO () risk ingredients, including highly processed ingredients and sub-ingredients. Detailed information from suppliers is required and highly appreciated. Thank you for your cooperation.*

Instructions: This form should be used with the latest version of Adobe Reader. The manufacturer of this ingredient should complete, sign and return this form to enrolled participant. In turn, the participant should upload the completed form to their record.

Name of Ingredient: 10003-01 Vanillin Ex Catechol

Name of Ingredient Manufacturer: Proprietary / Tilley Distribution (Distributor)

1. Is this ingredient 95+% Certified Organic? Yes No
2. Has this ingredient been verified as a product through the Non-GMO Project Product Verification Program Yes No

If you have answered YES to question 2, please answer questions 2.1, 2.2 and 2.3 and fill out the signature section at the end of all questions. Please also provide your NGP Certificate to your customer requesting this form. If you have answered 'No' to question 2, please proceed to question 3.

2.1 Please provide the Certificate of Verification for the NGP verified product/ingredient with the product/ingredient name on the certificate or listed in an addendum.

2.2 Does a third party receive/handle the material before received a client's facility/copacker? Yes No

2.3 Does the third party handle the NGP verified product in permeable* form? Yes No

**Permeable form: handling of NGP verified product in unsealed form.*

If 'Yes' to question 2.3, segregation and traceability SOP of the third-party handling location must be provided to your customer.

3. Is the ingredient or any of its sub-ingredient and/or the source crop/raw material of the ingredient/sub-ingredient genetically modified or derived using Biotechnology¹ methods? Yes No

If yes, name the ingredients/sub-ingredients this response applies to and answer the sub-questions that follow:

3.1 Is the genetically modified DNA detectable in the finished ingredient/product? Yes No

3.1.1 If no, do you have records to show modified genetic material undetectable because ingredient/sub-ingredient is either subjected to a validated refinement process or Ingredient Level Testing? Yes No

4. Is this ingredient a Mono Ingredient (does not contain any further sub-ingredient)? Yes No

4.1 If yes, please list the crop source/raw material of the ingredient and source country of the crop source below.

Crop Source/Raw Material Vanillin Country of Origin of Crop Source China - Synthetic

5. Is this ingredient a compound ingredient (contains further sub-ingredients) Yes No

5.1 If yes, please complete the Table 1 and Table 2 given below:

Table 1: List all sub-ingredients contained in the ingredient.

Sub-Ingredient Name	List all inputs contained in the sub-ingredient or inputs used in manufacturing the sub-ingredient or confirm it's 100% raw material	Processing aid ^{2, *} ? Yes/No
<i>Example 1: Strawberry Flavor</i> <i>Example 2: Corn Starch</i>	<i>Maltodextrin, Ethyl Alcohol, Strawberry Extract</i> <i>100% Corn Starch</i>	
		Not Set
		Not Set
		Not Set
		Not Set
		Not Set
		Not Set
		Not Set
		Not Set
		Not Set
		Not Set

* For purposes of the Non-GMO Project Standard, fermentation microorganisms are not considered processing aids.
Additional rows needed and supplementary list is attached. (Please sign and date supplemental list.)

Table 2: Please complete the following table for all sub-ingredients and inputs listed in Table 1 above

List all sub-ingredients/inputs contained in ingredient (Enter one per row)	% In the Ingredient	High Risk Crop Source and Country of Origin											Other Crop Source (If not derived from any high-risk crop)		
		Alfalfa	Apple	Canola	Corn	Cotton	Feenplant	Panava	Pineapple	Potato	Soy	Sugar beets		Yellow Summer Squash	Zucchini
<i>Example: Maltodextrin</i>	1.5				✓										Germany, France

Additional rows needed and supplementary list is attached. (Please sign and date supplemental list.)

6. Is any sub-ingredient of this ingredient made through a fermentation process (using a microorganism)? Yes No
If yes, name the sub-ingredient and answer the questions below: _____

6.1 Is the microorganism genetically modified?³ Yes No

6.2 If yes, is this ingredient purified⁵, in other words separated out from the fermentation medium*? Yes No
*(*The microorganism used for fermentation grow in specially designed growth medium which supplies nutrients for growth of the microorganism, such a medium is called the Fermentation Medium)*

Note: If your customer uses this ingredient at >0.5% in their finished product, you may receive a future request to provide the fermentation media composition including weight percentage of each of the fermentation media inputs at the beginning of fermentation.

7. Is this ingredient or any of its sub-ingredient a microorganism? Yes No

If yes, name all sub-ingredients to which your response applies to and answer question 7.1 that follows: _____

7.1 Is the microorganism genetically modified?³ Yes No

7.1.1 If yes, is the microorganism viable?⁴ Yes No

If No, please explain how microorganism is rendered non-viable (list processes used): _____

8. Is this ingredient or any of its sub-ingredients an enzyme? Yes No

If yes, name all ingredient/sub-ingredient(s) and/or all inputs to which your response applies: _____

8.1 If Yes, is the enzyme(s) derived from a genetically modified organism?³ Yes No

If you have answered 'Yes' to question 8.1 please answer the following question.

8.2 Is the enzyme still functional⁵ in the finished enrolled product? Yes No

If No, please explain how the enzyme is rendered non-functional: _____

9. Is this ingredient or its sub-ingredients, including inputs used to produce them, a product of Synthetic Biology (Produced with novel, artificial nucleic acid sequences and/or genes, biological pathways, organisms, devised or the redesign of existing natural biological systems)? Yes No

If yes, please list all ingredient/sub-ingredient(s) and/or all inputs to which your response applies: _____

10. Is this ingredient or its sub-ingredients, including inputs used to produce them, represented as synthetic biology in public communications that include, but are not limited to, marketing materials, patent filings, SEC filings and other regulatory documents? Yes No

If yes, please list all ingredient/sub-ingredient(s) and/or all inputs to which your response applies: _____

11. Is this ingredient or its sub-ingredients, including inputs used to produce them, derived from animal sources (e.g., dairy, meat, eggs, bee products, wool/hides, etc.)? Yes No

If Yes, please name the sub-ingredient below and answer the questions that follow:

- Is rBGH, rBST (recombinant bovine growth hormone or recombinant bovine somatotropin) administered to the livestock? Yes No
- Are Animal husbandry practices involving cloned spermatozoa (cloned animals or their progeny) used? Yes No
- Are Bee products, viz. honey, bee pollen, etc., used? Yes No

Please Note: For honey and bee-produced inputs used at 0.5% or more your customer may request additional information once the information submitted through this form has been reviewed. If you already know the wt. percentage use of this ingredient in your customer's finished product, please request the Annex III of this form.

12. Is this ingredient or any of its's sub-ingredient waterborne⁷ algae/microalgae⁸, fish or other water dwelling organism? Yes No

If yes, please specify whether it is wild harvested/wild caught or cultivated⁹/farmed¹⁰ by answering following questions.

Input name(s): _____ wild harvested/wild caught? Yes No
 Input name(s): _____ cultivated/farmed? Yes No

(Examples: Spirulina, Red Algae, Kelp, Salmon, Shrimp, Tuna, Clams etc.)

Note: If algae/fish/waterborne animal is used as an ingredient by your customer at >0.5% of their final product, you may receive a future request to disclose nutrients used including weight percentage of each of the nutrient inputs at the beginning production.

13. Is this ingredient or any of sub-ingredients derived from a Non-Risk material/input that are not derived from biological organisms and are not, therefore, susceptible to Genetic Modification? Yes No

If Yes, please list all ingredient/sub-ingredient(s) and/or all inputs to which your response applies:

Please sign to attest that your answers to the questions above are based on the knowledge, on the named ingredient, that you possess either by access or ownership and it is true and accurately rendered.

(Acceptable signatures include handwritten signatures, hand signature images, and typed names with a company seal or electronic/digital script signatures; a printed name alone will not suffice as signature.)

Signature: April Gelnaw Digitally signed by April Gelnaw
Date: 2023.12.26 07:57:23 -05'00' Print name April Gelnaw

Position Director of Regulatory Affairs Date Signed December 26, 2023

Company Name Tilley Distribution

¹**Biotechnology** – the application of: (a) in vitro nucleic acid techniques, including recombinant deoxyribonucleic acid (DNA) and the direct injection of nucleic acid into cells or organelles; or (b) fusion of cells beyond the taxonomic family, that overcame natural physiological, reproductive, or recombination barriers and that are not techniques used in traditional breeding and selection.

²**Processing aid:** An input that is (1) added during the processing of the product but is removed in some manner from the product before it is packaged in its final form; (2) added during the processing of the product and converted into constituents normally present in the product and which does not significantly increase the amount of the constituents naturally found in the product; or (3) added to the product for its technical or functional effect during processing but is present in the finished product at insignificant levels and does not have any technical or functional effect in the finished product. For purposes of the Non-GMO Project Standard, fermentation microorganisms are not considered processing aids.

³**GMO or genetically modified organism:** An organism in which the genetic material has been changed through biotechnology in a way that does not occur naturally by multiplication and/or natural recombination; cloned animals are included within this definition.

⁴**Viable microbe:** a microbe that performs metabolic functions and reproduces/multiplies itself.

⁵**Purified material:** an ingredient is considered purified if it has been extracted from other molecules, elements, or systems where found or produced and its impurities have been removed so that they have no technical effect.

⁶**Functional enzyme:** an enzyme that has not been denatured (e.g. by being subjected to high heat, harsh acids or bases, ultrafiltration, or centrifugation), and thus retains its catalytic functioning capability.

⁷**Waterborne ingredient or sub-ingredients:** include but are not limited to ‘sea vegetables,’ ‘fruits’ or other freshwater inputs.

⁸**Algae/microalgae:** chlorella or spirulina species etc.

⁹**Cultivated:** for algae.

¹⁰**Farmed:** for fish or other waterborne animals.



المجلس الإسلامي الأمريكي للغذاء و التغذية
THE ISLAMIC FOOD AND NUTRITION COUNCIL OF AMERICA
IFANCA HALAL PRODUCT CERTIFICATE شهادة حلال

This is to certify that the following product(s) have been produced under the supervision of the Islamic Food and Nutrition Council of America(IFANCA). The production facility as well as component ingredients have been reviewed and approved. The product(s) are in compliance with the halal requirements under Islamic laws.

Date: July 29, 2024

Document #: 11105.11106.II240267

Company Name & Address: **Tilley Distribution, Inc.** 355 Chestnut Street Norwood, New Jersey 07648 USA

Plant Name & Address: **Tilley Distribution, Inc.** 355 Chestnut Street Norwood, New Jersey 07648 USA

ProductName	Product Code	Halal-ID	Product Certificate #
1. Vanillin	VAN0019	B92952	HC-24TIJZ69

Muhammad Munir Chaudry
Muhammad Munir Chaudry, Ph.D.
President



This Certificate is valid until **July 31, 2025** and subject to renewal at that time.



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ORTHODOX UNION

LETTER OF KOSHER CERTIFICATION

בס"ד

UNION OF ORTHODOX JEWISH CONGREGATIONS OF AMERICA איחוד קהילות האורתודוקסים באמריקה
FORTY RECTOR STREET / NEW YORK, NY 10006 / 212-613-8241 / KOSHERLETTER@OU.ORG / OUKOSHER.ORG

May 09, 2024

This is to certify that the following product(s) manufactured for

Tilley Distribution, 355 Chestnut Street, Norwood, NJ 07648

at the company and plant specified in the contractual agreement with the OU, are manufactured under the supervision of the Kashrus Division of the Orthodox Union and are Kosher as indicated below.

Product Name	UKD-ID	Status	Certification Requirements
Brand: Tilley Distribution			
• Vanillin Ex Catechol	OUV7-EOLRJK2	Pareve	Ⓢ Symbol required.

Use of the OU trademark must comply with the terms set forth in a written agreement with the Orthodox Union. Any other use of the OU trademark is not authorized.

Rabbi Menachem Genack, *Rabbinic Administrator, CEO*

This certification is valid through 12/31/2024

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