

# Raw materials questionnaires - Cosmetics



Questionnaires - Cosmetics  
NUTRABIOL® T 50 - BTSA BIOTECNOLOGIAS  
APLICADAS SL

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## General Information

✈ **Code of the questionnaire** : 19030 - **Version** : 1 - **Status** : Finalized

✈ **Commercial Name \*** : NUTRABIOL® T 50

✈ **Manufacturer** :

Name of the company \* : BTSA BIOTECNOLOGIAS APLICADAS SL

Address \* : PARQUE CIENTÍFICO-TECNOLÓGICO CAMPUS U.A.H.C/ Arroba n. 4 28805 Alcalá de Henares (MADRID, SPAIN)

Zip Code \* : 28805 - City \* : Alcalá de Henares

Country \* : SPAIN

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✈ **Supplier/Distributor** :  same as Manufacturer

✈ **INCI name \*** : Tocopherol

✈ **Category/Function \*** : Antioxidant

✈ **Chemical formula** : (2R)-2,5,7,8-tetrametil-2-[(4R,8R)-4,8,12-trimetiltridécil]-3,4-dihidrocroman-6-ol

✈ **CAS number** : 59-02-9 / 16698-35-4 / 54-28-4 / 119-13-1

✈ **Related documents** :

Technical data sheet:

 [fds-29409-PDS\\_NUTRABIOL\\_T\\_50\\_Rev\\_3.1\\_Eng.pdf](#)

Material Safety Data sheet (MSDS) :

 [msds-29410-SDS\\_NUTRABIOL\\_T\\_\\_range\\_\\_\\_\\_.0\\_Eng.pdf](#)

✈ **Complementary assessment** :

Without Animal Origin

The raw material I want to register is already approved by a different supplier. I buy it and sell it under a different trade name.



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## Overview

### Animal Testing :

Is the raw material or any of its ingredients tested on animals by the manufacturer or any third party induced to do so? \* **No**

### Ingredient(s) and solvent(s) :

Please list exhaustively in the table below each ingredient (active ingredient, solvent, etc.) of the commercial reference, mentioning:

- Its name - please specify its commercial name if the ingredient is already COSMOS-approved
- Its manufacturing process<sup>(1)</sup> (please refer to the positive list of allowed chemical or physical processes respectively in appendix I/ II of the Standard)
- The reactants used, their origin and their manufacturing processes<sup>(1)</sup>
- The content in the commercial reference (%)

| Ingredient Name | Origin <sup>(2)</sup> | Manufacturing process (reactants – solvents)                       | Reactants (origin, manufacturing process, solvent) | %   |
|-----------------|-----------------------|--|--|-----|
| Tocopherol      | PPAI                  | Molecular distillation of deodorized distilled from vegetable oil. | Extraction from soybeans and deodorization process | 100 |

<sup>(1)</sup> in case of ingredients or reactants made by fermentation process, please include details of the substrate and the culture medium composition.

<sup>(2)</sup> Origin can be described with one of the following categories:

- **PPAI** (physically processed agro-ingredients): processed or extracted using physical processes (Appendix I)
- **CPAI** (chemically processed agro-ingredients): processed or extracted using chemical processes (Appendix II)
- **CPAI + petrochemical moiety**: ingredient with a natural part bonded to a petrochemical moiety
- **Mineral** / Mineral origin (water, pigment...)
- **Petrochemical**

You can include detailed flow charts of reactants and/or ingredients here, or attach separate documents :

 [2.1-15304-Flow\\_Chart\\_NUTRABIOL\\_T\\_\\_r...ev\\_3.1.pdf](#)

### Additives : Not Applicable

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### Origin of Ingredients

The requirements below only apply to active ingredients and solvents. It is not necessary to fulfill these requirements for additives.

#### Plant origin ingredients : Applicable

Are any of the plants used in the process of the raw material listed in the appendices of the CITES convention? \* **No**

Do you use palm or palm kernel derivatives? \* **No**

Are the plants used in the manufacturing process of your raw material, including ingredients, reactants, culture mediums or solvents, guaranteed of non-GMO origin? \* **Yes**

Please complete the following table:

| Plant name        | Used as starting material | Country(ies) of origin |
|-------------------|---------------------------|------------------------|
| Corn              | No                        |                        |
| Soya              | Yes                       | China, India           |
| Rapeseed / Canola | No                        |                        |
| Cotton            | No                        |                        |
| Sugar beet        | No                        |                        |
| Papaya            | No                        |                        |
| Alfalfa / Lucerne | No                        |                        |
| Sweet pepper      | No                        |                        |
| Tomato            | No                        |                        |

Please attach here the document "Non-GMO declaration for non-organic ingredients" if you tick YES at least for one plant. Note, a non GMO statement must be on headed paper, signed and dated within the last 12 months. [Click here](#) to download the non GMO COSMOS attestation. *No file*

#### Animal origin ingredients : Not Applicable

#### Mineral origin ingredients : Not Applicable

#### Microbial or biotechnological origin ingredients : Not Applicable

#### Ingredients containing petrochemical moieties : Not Applicable

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## Manufacturing processes

The requirements below only apply to active ingredients and solvents. It is not necessary to fulfill these requirements for additives.

### ✧ Process solvents :

Are solvent(s) used during the manufacturing step(s)? \* **No**

Are solvent(s) used during the purifying step(s) (e.g. extraction, washing, crystallization etc.)? \* **No**

### ✧ Manufacturing auxiliaries :

Are manufacturing auxiliaries (catalyst,...) used during the synthesis of the ingredient(s) listed previously? \* **No**

Is there any activation step (ex: fatty acid activation) in the manufacturing? \* **No**

Are there temporary modifications (e.g. protection of functional groups) during the manufacturing of your chemically processed ingredient? \* **No**

### ✧ Purification :

Are the ingredients which compose the raw material subject to purifying steps? \* **Yes**

Please complete the following table:

| Process         | Used ? *  | Ingredient(s) | Reagent(s), solvent(s) or technique(s) used |
|-----------------|-----------|---------------|---|
| Refining        | <b>No</b> |               |   |
| Bleaching       | <b>No</b> |               |   |
| Crystallization | <b>No</b> |               |   |
| Precipitation   | <b>No</b> |               |   |
| Deodorization   | <b>No</b> |               |   |
| Sterilization   | <b>No</b> |               |   |

If the purification step(s) used is/are not mentioned in the previous table, please specify hereafter the ingredient(s) and the process(es) used: \* SHORT-PATH DISTILLATION

### ✧ Prohibited processes and components :

Indicate whether the following chemical processes are used during the manufacture of any ingredients, reactants in the commercial reference: \*

|  |           |
|--|-----------|
| ALKOXYLATION (including ETHOXYLATION and PROPOXYLATION) using ethylene oxide, propylene oxide or other alkylene oxides | <b>No</b> |
| IONISING RADIATION   | <b>No</b> |
| HALOGENATION (as main reaction)  | <b>No</b> |
| SULFONATION (as main reaction)   | <b>No</b> |
| TREATMENTS WITH ETHYLENE OXIDE   | <b>No</b> |
| TREATMENTS USING MERCURY   | <b>No</b> |
| BLEACHING - DEODOURISATION (on a support of animal origin)   | <b>No</b> |
| BLEACHING with sodium hypochlorite   | <b>No</b> |
| DETERPENATION (other than with steam)  | <b>No</b> |
| TECHNIQUES USING GENETIC MANIPULATION  | <b>No</b> |
| USE OF SEWAGE SLUDGE   | <b>No</b> |
| USE OF FORMALDEHYDE OR FORMALDEHYDE DONORS   | <b>No</b> |



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### Green chemistry principles

The requirements below only apply to chemically processed agro-ingredients (CPAI). It is not necessary to fulfill these requirements for additives. Not Applicable



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### Complementary assessment

#### Without Animal Origin :

Can you confirm that the raw material and its ingredients have never been tested on a support from animal origin, or animal derivative (HET/CAM, BCOP, ICE, neutral red, agarose gel or any other test carried out on animal material (organs, cells...))? \* **Yes**

Can you confirm that the ingredients (including additives) and their reagents are not processed from animals or animal derivatives? \* **Yes**

Can you confirm that the raw material and its ingredients are not issued from processes (manufacturing, purification...) involving animal derivatives? \* **Yes**

### Environmental data

Have you evaluated and established a procedure for limiting accident risks (human and environmental)? \* **Yes**

Please detail these measures: \* : The product is food grade. It is considered GRAS (Generally Recognized as Safe) by the FDA, which states:

"There is no evidence in the available information on tocopherols and alpha-tocopheryl acetate that demonstrates, or suggests reasonable grounds to suspect, a hazard to the public when they are used at levels that are now current or that might reasonably be expected in the future"

Have you evaluated and established a procedure for the management of waste production (recycling and others) in the manufacturing of this raw material or for your manufacturing plant in general? \* **Yes**

Please detail these measures: \* : Our production is 100% sustainable, the residue we generate is commercialized as oleins for the biodiesel industry. We work to minimize the waste generation, specially the plastic one.

Have you evaluated and established a procedure for energy economy in the manufacturing of this ingredient or for your manufacturing plant in general? \* **No**






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### Validation

 **Declaration :**

To the best of my knowledge, all the information supplied in this form is accurate. Should any of this information be found to be false, any subsequent approval granted by the Certification body will be revoked.

 **Signed \* : Rodrigo Alonso, Company \* : BTSA BIOTECNOLOGÍAS APLICADAS S.L.**

 **Date \* : 10/08/2020**

I have completed this form electronically and confirm I am in agreement with the declaration above.