

## ECOCERT Approval

Jungbunzlauer "From nature to ingredients<sup>®</sup>" approved for personal care

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With the mission "From nature to ingredients<sup>®</sup>" the company commits itself to the security of man and the environment. Jungbunzlauer is a responsible and sustainable leader in naturally derived biodegradable ingredients. The ECOCERT approval of Jungbunzlauer products is important for all our customers seeking ingredients to formulate natural personal care products.

With the attached approval Jungbunzlauer products have been classified as 100% natural origin and can be used in the formulation of personal care products certified according to the ECOCERT Natural and Organic Cosmetic Standard.



The approval was granted for the following products and production plants:

### JUNGBUNZLAUER AUSTRIA AG (Austria)

- Citric Acid Anhydrous
- CITROCOAT<sup>®</sup> N
- Trisodium Citrate Anhydrous
- Xanthan Gum FFOC
- Xanthan Gum FFPC
- Xanthan Gum FFCS-OC
- Xanthan Gum FFCS-PC
- Xanthan Gum FFCSP-PC
- Xanthan Gum FEDCS-PC
- Citric Acid Monohydrate
- LIQUINAT<sup>®</sup> (Citric Acid Solution)
- Trisodium Citrate Dihydrate
- Xanthan Gum FNOC
- Xanthan Gum FNPC
- Xanthan Gum FNCS-OC
- Xanthan Gum FNCS-PC
- Xanthan Gum FNCSP-PC
- Zinc Citrate

### JUNGBUNZLAUER LADENBURG GMBH (Germany)

- Calcium Lactate Gluconate
- CITROFOL<sup>®</sup> AI (triethyl citrate)
- Monosodium Citrate
- Citric Acid DC
- LIQUINAT<sup>®</sup> (Citric Acid Solution)
- Tripotassium Citrate

### JUNGBUNZLAUER S.A. (France)

- ERYLITE<sup>®</sup>
- L(+)-Lactic Acid 50%
- L(+)-Lactic Acid 80%
- L(+)-Lactic Acid 88%
- L(+)-Lactic Acid 90%
- Glucono-delta-Lactone
- Potassium-L(+)-Lactate 60%
- Sodium-L(+)-Lactate 50%
- Sodium-L(+)-Lactate 60%
- Sodium Gluconate

Please find enclosed the ECOCERT approval showing the INCI names and the most common functions in their use in personal care applications.

Jungbunzlauer  
Technical Service

## VERIFICATION OF THE RAW MATERIALS CONFORMITY TO THE ECOCERT NATURAL AND ORGANIC COSMETIC STANDARD

THIS DOCUMENT IS NOT AN ORGANIC CERTIFICATE

Company: **Jungbunzlauer**

Attestation n° 4515

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The conformity is established according to the requirements related to the raw materials contained in the applicable standard(s).

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### Jungbunzlauer Calcium Lactate Gluconate

Function: **Astringent, Buffering, Keratolytic, Humectant, Skin conditioning, Oral care**

INCI: Calcium Lactate (and) Calcium D-Gluconate

Conformity: YES **100** % of natural origin ( **0** % of physically processed vegetal ingredients ) **0** % synthetic

Comments:

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### Jungbunzlauer Citric Acid Anhydrous

Function: **Buffering, Chelating, Masking**

INCI: Citric Acid

Conformity: YES **100** % of natural origin ( **0** % of physically processed vegetal ingredients ) **0** % synthetic

Comments:

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until 31/12/2015

Matthieu Bouffartigue  
Raw Materials Service Manager



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**Jungbunzlauer Citric Acid DC**

Function: **Buffering, Chelating, Masking**

INCI: Citric Acid (and) Maltodextrin

Conformity: YES **100** % of natural origin ( **0** % of physically processed vegetal ingredients ) **0** % synthetic

Comments:

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**Jungbunzlauer Citric Acid Monohydrate**

Function: **Buffering, Chelating, Masking**

INCI: Citric Acid

Conformity: YES **100** % of natural origin ( **0** % of physically processed vegetal ingredients ) **0** % synthetic

Comments:

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**Jungbunzlauer CITROCOAT® N**

Function: **Buffering, Chelating, Masking**

INCI: Citric Acid (and) Monosodium Citrate

Conformity: YES **100** % of natural origin ( **0** % of physically processed vegetal ingredients ) **0** % synthetic

Comments:

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**Jungbunzlauer CITROFOL®AI**

Function: **Solvent, Emollient, Antioxidant, Deodorant, Masking, Plasticiser**

INCI: Triethyl Citrate

Conformity: YES **100** % of natural origin ( **0** % of physically processed vegetal ingredients ) **0** % synthetic

Comments:

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**Jungbunzlauer ERYLITE®**

Function: **Humectant, Moisturising**

INCI: Erythritol

Conformity: YES **100** % of natural origin ( **0** % of physically processed vegetal ingredients ) **0** % synthetic

Comments:

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**Jungbunzlauer Glucono-delta-lactone**

Function: **Solvent, Humectant**

INCI: Gluconolactone

Conformity: YES **100** % of natural origin ( **0** % of physically processed vegetal ingredients ) **0** % synthetic

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**Jungbunzlauer Lactic Acid 50**

Function: **Buffering, Humectant, Skin conditioning, Keratolytic**

INCI: Lactic Acid

Conformity: YES **100** % of natural origin ( **0** % of physically processed vegetal ingredients ) **0** % synthetic

Comments:

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**Jungbunzlauer Lactic Acid 80**

Function: **Buffering, Humectant, Skin conditioning, Keratolytic**

INCI: Lactic Acid

Conformity: YES **100** % of natural origin ( **0** % of physically processed vegetal ingredients ) **0** % synthetic

Comments:

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**Jungbunzlauer Lactic Acid 88**

Function: **Buffering, Humectant, Skin conditioning, Keratolytic**

INCI: Lactic Acid

Conformity: YES **100** % of natural origin ( **0** % of physically processed vegetal ingredients ) **0** % synthetic

Comments:

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**Jungbunzlauer Lactic Acid 90**

Function: **Buffering, Humectant, Skin conditioning, Keratolytic**

INCI: Lactic Acid

Conformity: YES **100** % of natural origin ( **0** % of physically processed vegetal ingredients ) **0** % synthetic

Comments:

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**Jungbunzlauer LIQUINAT®(Citric Acid Solution)**

Function: **Buffering, Chelating, Masking**

INCI: Citric Acid

Conformity: YES **100** % of natural origin ( **0** % of physically processed vegetal ingredients ) **0** % synthetic

Comments:

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**Jungbunzlauer Monosodium Citrate**

Function: **Buffering**

INCI: Monosodium Citrate

Conformity: YES **100** % of natural origin ( **0** % of physically processed vegetal ingredients ) **0** % synthetic

Comments:

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**Jungbunzlauer Potassium Lactate 60**

Function: **Buffering, Humectant, Skin conditioning, Moisturising**

INCI: Potassium Lactate

Conformity: YES **100** % of natural origin ( **0** % of physically processed vegetal ingredients ) **0** % synthetic

Comments:

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**Jungbunzlauer Sodium Gluconate**

Function: **Chelating, Skin conditioning**

INCI: Sodium Gluconate

Conformity: YES **100** % of natural origin ( **0** % of physically processed vegetal ingredients ) **0** % synthetic

Comments:

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**Jungbunzlauer Sodium Lactate 50**

Function: **Buffering, Humectant, Skin conditioning, Moisturising**

INCI: Sodium Lactate

Conformity: YES **100** % of natural origin ( **0** % of physically processed vegetal ingredients ) **0** % synthetic

Comments:

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**Jungbunzlauer Sodium Lactate 60**

Function: **Buffering, Humectant, Skin conditioning, Moisturising**

INCI: Sodium Lactate

Conformity: YES **100** % of natural origin ( **0** % of physically processed vegetal ingredients ) **0** % synthetic

Comments:

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**Jungbunzlauer Tripotassium Citrate**

Function: **Buffering, Chelating**

INCI: Potassium Citrate

Conformity: YES **100** % of natural origin ( **0** % of physically processed vegetal ingredients ) **0** % synthetic

Comments:

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**Jungbunzlauer Trisodium Citrate Anhydrous**

Function: **Buffering, Chelating, Masking**

INCI: Sodium Citrate

Conformity: YES **100** % of natural origin ( **0** % of physically processed vegetal ingredients ) **0** % synthetic

Comments:

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**Jungbunzlauer Trisodium Citrate Dihydrate**

Function: **Buffering, Chelating, Masking**

INCI: Sodium Citrate

Conformity: YES **100** % of natural origin ( **0** % of physically processed vegetal ingredients ) **0** % synthetic

Comments:

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**Jungbunzlauer Xanthan Gum FEDCS-PC\***

Function: **Viscosity controlling, Binding, Emulsifying, Emulsion stabilising, Gel forming, Skin conditioning, Surfactant**

INCI: Xanthan Gum

Conformity: YES **100** % of natural origin ( **0** % of physically processed vegetal ingredients ) **0** % synthetic

Comments:

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**Jungbunzlauer Xanthan Gum FFCS-OC\***

Function: **Viscosity controlling, Binding, Emulsifying, Emulsion stabilising, Gel forming, Skin conditioning, Surfactant**

INCI: Xanthan Gum

Conformity: YES **100** % of natural origin ( **0** % of physically processed vegetal ingredients ) **0** % synthetic

Comments:

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**Jungbunzlauer Xanthan Gum FFCS-PC\***

Function: **Viscosity controlling, Binding, Emulsifying, Emulsion stabilising, Gel forming, Skin conditioning, Surfactant**

INCI: Xanthan Gum

Conformity: YES **100** % of natural origin ( **0** % of physically processed vegetal ingredients ) **0** % synthetic

Comments:

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**Jungbunzlauer Xanthan Gum FFCSP-PC\***

Function: **Viscosity controlling, Binding, Emulsifying, Emulsion stabilising, Gel forming, Skin conditioning, Surfactant**

INCI: Xanthan Gum

Conformity: YES **100** % of natural origin ( **0** % of physically processed vegetal ingredients ) **0** % synthetic

Comments:

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**Jungbunzlauer Xanthan Gum FFOC\***

Function: **Viscosity controlling, Binding, Emulsifying, Emulsion stabilising, Gel forming, Skin conditioning, Surfactant**

INCI: Xanthan Gum

Conformity: YES **100** % of natural origin ( **0** % of physically processed vegetal ingredients ) **0** % synthetic

Comments:

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**Jungbunzlauer Xanthan Gum FFPC\***

Function: **Viscosity controlling, Binding, Emulsifying, Emulsion stabilising, Gel forming, Skin conditioning, Surfactant**

INCI: Xanthan Gum

Conformity: YES **100** % of natural origin ( **0** % of physically processed vegetal ingredients ) **0** % synthetic

Comments:

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**Jungbunzlauer Xanthan Gum FNCS-OC\***

Function: **Viscosity controlling, Binding, Emulsifying, Emulsion stabilising, Gel forming, Skin conditioning, Surfactant**

INCI: Xanthan Gum

Conformity: YES **100** % of natural origin ( **0** % of physically processed vegetal ingredients ) **0** % synthetic

Comments:

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**Jungbunzlauer Xanthan Gum FNCS-PC\***

Function: **Viscosity controlling, Binding, Emulsifying, Emulsion stabilising, Gel forming, Skin conditioning, Surfactant**

INCI: Xanthan Gum

Conformity: YES **100** % of natural origin ( **0** % of physically processed vegetal ingredients ) **0** % synthetic

Comments:

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**Jungbunzlauer Xanthan Gum FNCSP-PC\***

Function: **Viscosity controlling, Binding, Emulsifying, Emulsion stabilising, Gel forming, Skin conditioning, Surfactant**

INCI: Xanthan Gum

Conformity: YES **100** % of natural origin ( **0** % of physically processed vegetal ingredients ) **0** % synthetic

Comments:

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**Jungbunzlauer Xanthan Gum FNOC\***

Function: **Viscosity controlling, Binding, Emulsifying, Emulsion stabilising, Gel forming, Skin conditioning, Surfactant**

INCI: Xanthan Gum

Conformity: YES **100** % of natural origin ( **0** % of physically processed vegetal ingredients ) **0** % synthetic

Comments:

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**Jungbunzlauer Xanthan Gum FNPC\***

Function: **Viscosity controlling, Binding, Emulsifying, Emulsion stabilising, Gel forming, Skin conditioning, Surfactant**

INCI: Xanthan Gum

Conformity: YES **100** % of natural origin ( **0** % of physically processed vegetal ingredients ) **0** % synthetic

Comments:

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**Jungbunzlauer Zinc Citrate**

Function: **Antiplaque, Oral care**

INCI: Zinc Citrate

Conformity: YES **100** % of natural origin ( **0** % of physically processed vegetal ingredients ) **0** % synthetic

Comments:

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## COSMOS Approval

Jungbunzlauer "From nature to ingredients<sup>®</sup>" approved for personal care

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- Xanthan Gum FFPC
- Xanthan Gum FFCS-OC
- Xanthan Gum FFCS-PC
- Xanthan Gum FFCSP-PC
- Xanthan Gum FEDCS-PC
- Citric Acid Monohydrate
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- Xanthan Gum FNOC
- Xanthan Gum FNPC
- Xanthan Gum FNCS-OC
- Xanthan Gum FNCS-PC
- Xanthan Gum FNCSP-PC
- Zinc Citrate

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- Calcium Lactate Gluconate
- CITROFOL<sup>®</sup> AI (triethyl citrate)
- Monosodium Citrate
- Citric Acid DC
- LIQUINAT<sup>®</sup> (Citric Acid Solution)
- Tripotassium Citrate

### JUNGBUNZLAUER S.A. (France)

- ERYLITE<sup>®</sup>
- L(+)-Lactic Acid 50%
- L(+)-Lactic Acid 80%
- L(+)-Lactic Acid 88%
- L(+)-Lactic Acid 90%
- Glucono-delta-Lactone
- Potassium-L(+)-Lactate 60%
- Sodium-L(+)-Lactate 50%
- Sodium-L(+)-Lactate 60%
- Sodium Gluconate

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Jungbunzlauer  
Technical Service

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Company: **Jungbunzlauer**

Attestation n° : 4515

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The present document is only valid for ECOCERT until official COSMOS publication of the raw materials on the website: <http://www.cosmos-standard-rm.org/>

\*reference related to the appendices II and/or V of the Cosmos standard.

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### Jungbunzlauer Calcium Lactate Gluconate

Function: **Astringent, Buffering, Keratolytic, Humectant, Skin conditioning, Oral care**

INCI: Calcium Lactate (and) Calcium D-Gluconate

<b>Conf. ECOCERT:</b>	YES	<b>100 %</b> of natural origin (	<b>0 %</b> of physically processed vegetal ingredients)
		<b>0 %</b> synthetic	

<b>Conf. COSMOS:</b>	YES	PPAI :	<b>0 %</b>	CPAI :	<b>100 %</b>	Petrochemical moiety :	<b>0 %</b>
		Non natural ingredient :	<b>0 %</b>				

Comments:

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### Jungbunzlauer Citric Acid Anhydrous

Function: **Buffering, Chelating, Masking**

INCI: Citric Acid

<b>Conf. ECOCERT:</b>	YES	<b>100 %</b> of natural origin (	<b>0 %</b> of physically processed vegetal ingredients)
		<b>0 %</b> synthetic	

<b>Conf. COSMOS:</b>	YES	PPAI :	<b>0 %</b>	CPAI :	<b>100 %</b>	Petrochemical moiety :	<b>0 %</b>
		Non natural ingredient :	<b>0 %</b>				

Comments:

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**Jungbunzlauer Citric Acid DC**Function: **Buffering, Chelating, Masking**

INCI: Citric Acid (and) Maltodextrin

**Conf. ECOCERT:** YES **100 % of natural origin ( 0 % of physically processed vegetal ingredients)**  
**0 % synthetic**

**Conf. COSMOS:** YES PPAI : **0 %** CPAI : **100 %** Petrochemical moiety : **0 %**  
 Non natural ingredient : **0 %**

Comments:

**Jungbunzlauer Citric Acid Monohydrate**Function: **Buffering, Chelating, Masking**

INCI: Citric Acid

**Conf. ECOCERT:** YES **100 % of natural origin ( 0 % of physically processed vegetal ingredients)**  
**0 % synthetic**

**Conf. COSMOS:** YES PPAI : **0 %** CPAI : **100 %** Petrochemical moiety : **0 %**  
 Non natural ingredient : **0 %**

Comments:

**Jungbunzlauer CITROCOAT® N**Function: **Buffering, Chelating, Masking**

INCI: Citric Acid (and) Monosodium Citrate

**Conf. ECOCERT:** YES **100 % of natural origin ( 0 % of physically processed vegetal ingredients)**  
**0 % synthetic**

**Conf. COSMOS:** YES PPAI : **0 %** CPAI : **100 %** Petrochemical moiety : **0 %**  
 Non natural ingredient : **0 %**

Comments:

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**Jungbunzlauer CITROFOL®AI**Function: **Solvent, Emollient, Antioxidant, Deodorant, Masking, Plasticiser**

INCI: Triethyl Citrate

**Conf. ECOCERT:** YES     **100 %** of natural origin (     **0 %** of physically processed vegetal ingredients)  
**0 %** synthetic

**Conf. COSMOS:** YES     PPAI :     **0 %**     CPAI :     **100 %**     Petrochemical moiety :     **0 %**  
Non natural ingredient :     **0 %**

*Comments:***Jungbunzlauer ERYLITE®**Function: **Humectant, Moisturising**

INCI: Erythritol

**Conf. ECOCERT:** YES     **100 %** of natural origin (     **0 %** of physically processed vegetal ingredients)  
**0 %** synthetic

**Conf. COSMOS:** YES     PPAI :     **0 %**     CPAI :     **100 %**     Petrochemical moiety :     **0 %**  
Non natural ingredient :     **0 %**

*Comments:***Jungbunzlauer Glucono-delta-lactone**Function: **Solvent, Humectant**

INCI: Gluconolactone

**Conf. ECOCERT:** YES     **100 %** of natural origin (     **0 %** of physically processed vegetal ingredients)  
**0 %** synthetic

**Conf. COSMOS:** YES     PPAI :     **0 %**     CPAI :     **100 %**     Petrochemical moiety :     **0 %**  
Non natural ingredient :     **0 %**

*Comments:*

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**Jungbunzlauer Lactic Acid 50**Function: **Buffering, Humectant, Skin conditioning, Keratolytic**

INCI: Lactic Acid

**Conf. ECOCERT:** YES    **100 %** of natural origin (    **0 %** of physically processed vegetal ingredients)  
**0 %** synthetic

**Conf. COSMOS:** YES    PPAI :    **0 %**    CPAI :    **50 %**    Petrochemical moiety :    **0 %**  
Non natural ingredient :    **0 %**

*Comments:***Jungbunzlauer Lactic Acid 80**Function: **Buffering, Humectant, Skin conditioning, Keratolytic**

INCI: Lactic Acid

**Conf. ECOCERT:** YES    **100 %** of natural origin (    **0 %** of physically processed vegetal ingredients)  
**0 %** synthetic

**Conf. COSMOS:** YES    PPAI :    **0 %**    CPAI :    **80 %**    Petrochemical moiety :    **0 %**  
Non natural ingredient :    **0 %**

*Comments:***Jungbunzlauer Lactic Acid 88**Function: **Buffering, Humectant, Skin conditioning, Keratolytic**

INCI: Lactic Acid

**Conf. ECOCERT:** YES    **100 %** of natural origin (    **0 %** of physically processed vegetal ingredients)  
**0 %** synthetic

**Conf. COSMOS:** YES    PPAI :    **0 %**    CPAI :    **88 %**    Petrochemical moiety :    **0 %**  
Non natural ingredient :    **0 %**

*Comments:*

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**Jungbunzlauer Lactic Acid 90**Function: **Buffering, Humectant, Skin conditioning, Keratolytic**

INCI: Lactic Acid

**Conf. ECOCERT:** YES **100 %** of natural origin ( **0 %** of physically processed vegetal ingredients)  
**0 %** synthetic

**Conf. COSMOS:** YES PPAI : **0 %** CPAI : **90 %** Petrochemical moiety : **0 %**  
Non natural ingredient : **0 %**

*Comments:***Jungbunzlauer LIQUINAT®(Citric Acid Solution)**Function: **Buffering, Chelating, Masking**

INCI: Citric Acid

**Conf. ECOCERT:** YES **100 %** of natural origin ( **0 %** of physically processed vegetal ingredients)  
**0 %** synthetic

**Conf. COSMOS:** YES PPAI : **0 %** CPAI : **50 %** Petrochemical moiety : **0 %**  
Non natural ingredient : **0 %**

*Comments:***Jungbunzlauer Monosodium Citrate**Function: **Buffering**

INCI: Monosodium Citrate

**Conf. ECOCERT:** YES **100 %** of natural origin ( **0 %** of physically processed vegetal ingredients)  
**0 %** synthetic

**Conf. COSMOS:** YES PPAI : **0 %** CPAI : **100 %** Petrochemical moiety : **0 %**  
Non natural ingredient : **0 %**

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**Jungbunzlauer Potassium Lactate 60**Function: **Buffering, Humectant, Skin conditioning, Moisturising**

INCI: Potassium Lactate

**Conf. ECOCERT:** YES **100 %** of natural origin ( **0 %** of physically processed vegetal ingredients)  
**0 %** synthetic

**Conf. COSMOS:** YES PPAI : **0 %** CPAI : **60 %** Petrochemical moiety : **0 %**  
Non natural ingredient : **0 %**

Comments:

**Jungbunzlauer Sodium Gluconate**Function: **Chelating, Skin conditioning**

INCI: Sodium Gluconate

**Conf. ECOCERT:** YES **100 %** of natural origin ( **0 %** of physically processed vegetal ingredients)  
**0 %** synthetic

**Conf. COSMOS:** YES PPAI : **0 %** CPAI : **100 %** Petrochemical moiety : **0 %**  
Non natural ingredient : **0 %**

Comments:

**Jungbunzlauer Sodium Lactate 50**Function: **Buffering, Humectant, Skin conditioning, Moisturising**

INCI: Sodium Lactate

**Conf. ECOCERT:** YES **100 %** of natural origin ( **0 %** of physically processed vegetal ingredients)  
**0 %** synthetic

**Conf. COSMOS:** YES PPAI : **0 %** CPAI : **50 %** Petrochemical moiety : **0 %**  
Non natural ingredient : **0 %**

Comments:

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The conformity (conf.) is established according to the requirements related to the raw materials contained in the applicable standard(s).

The present document is only valid for ECOCERT until official COSMOS publication of the raw materials on the website: <http://www.cosmos-standard-rm.org/>

\*reference related to the appendices II and/or V of the Cosmos standard.

**Jungbunzlauer Sodium Lactate 60**Function: **Buffering, Humectant, Skin conditioning, Moisturising**

INCI: Sodium Lactate

**Conf. ECOCERT:** YES **100 % of natural origin ( 0 % of physically processed vegetal ingredients)**  
**0 % synthetic**

**Conf. COSMOS:** YES PPAI : **0 %** CPAI : **60 %** Petrochemical moiety : **0 %**  
Non natural ingredient : **0 %**

Comments:

**Jungbunzlauer Tripotassium Citrate**Function: **Buffering, Chelating**

INCI: Potassium Citrate

**Conf. ECOCERT:** YES **100 % of natural origin ( 0 % of physically processed vegetal ingredients)**  
**0 % synthetic**

**Conf. COSMOS:** YES PPAI : **0 %** CPAI : **100 %** Petrochemical moiety : **0 %**  
Non natural ingredient : **0 %**

Comments:

**Jungbunzlauer Trisodium Citrate Anhydrous**Function: **Buffering, Chelating, Masking**

INCI: Sodium Citrate

**Conf. ECOCERT:** YES **100 % of natural origin ( 0 % of physically processed vegetal ingredients)**  
**0 % synthetic**

**Conf. COSMOS:** YES PPAI : **0 %** CPAI : **100 %** Petrochemical moiety : **0 %**  
Non natural ingredient : **0 %**

Comments:

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**Jungbunzlauer Trisodium Citrate Dihydrate**Function: **Buffering, Chelating, Masking**

INCI: Sodium Citrate

**Conf. ECOCERT:** YES **100 %** of natural origin ( **0 %** of physically processed vegetal ingredients)  
**0 %** synthetic

**Conf. COSMOS:** YES PPAI : **0 %** CPAI : **100 %** Petrochemical moiety : **0 %**  
Non natural ingredient : **0 %**

*Comments:***Jungbunzlauer Xanthan Gum FEDCS-PC\***Function: **Viscosity controlling, Binding, Emulsifying, Emulsion stabilising, Gel forming, Skin conditioning, Surfactant**

INCI: Xanthan Gum

**Conf. ECOCERT:** YES **100 %** of natural origin ( **0 %** of physically processed vegetal ingredients)  
**0 %** synthetic

**Conf. COSMOS:** YES PPAI : **0 %** CPAI : **100 %** Petrochemical moiety : **0 %**  
Non natural ingredient : **0 %**

*Comments:***Jungbunzlauer Xanthan Gum FFCS-OC\***Function: **Viscosity controlling, Binding, Emulsifying, Emulsion stabilising, Gel forming, Skin conditioning, Surfactant**

INCI: Xanthan Gum

**Conf. ECOCERT:** YES **100 %** of natural origin ( **0 %** of physically processed vegetal ingredients)  
**0 %** synthetic

**Conf. COSMOS:** YES PPAI : **0 %** CPAI : **100 %** Petrochemical moiety : **0 %**  
Non natural ingredient : **0 %**

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**Jungbunzlauer Xanthan Gum FFCS-PC\***Function: **Viscosity controlling, Binding, Emulsifying, Emulsion stabilising, Gel forming, Skin conditioning, Surfactant**

INCI: Xanthan Gum

<b>Conf. ECOCERT:</b>	YES	<b>100 % of natural origin (</b>	<b>0 % of physically processed vegetal ingredients)</b>
		<b>0 % synthetic</b>	

<b>Conf. COSMOS:</b>	YES	PPAI :	<b>0 %</b>	CPAI :	<b>100 %</b>	Petrochemical moiety :	<b>0 %</b>
		Non natural ingredient :	<b>0 %</b>				

Comments:

**Jungbunzlauer Xanthan Gum FFCSP-PC\***Function: **Viscosity controlling, Binding, Emulsifying, Emulsion stabilising, Gel forming, Skin conditioning, Surfactant**

INCI: Xanthan Gum

<b>Conf. ECOCERT:</b>	YES	<b>100 % of natural origin (</b>	<b>0 % of physically processed vegetal ingredients)</b>
		<b>0 % synthetic</b>	

<b>Conf. COSMOS:</b>	YES	PPAI :	<b>0 %</b>	CPAI :	<b>100 %</b>	Petrochemical moiety :	<b>0 %</b>
		Non natural ingredient :	<b>0 %</b>				

Comments:

**Jungbunzlauer Xanthan Gum FFOC\***Function: **Viscosity controlling, Binding, Emulsifying, Emulsion stabilising, Gel forming, Skin conditioning, Surfactant**

INCI: Xanthan Gum

<b>Conf. ECOCERT:</b>	YES	<b>100 % of natural origin (</b>	<b>0 % of physically processed vegetal ingredients)</b>
		<b>0 % synthetic</b>	

<b>Conf. COSMOS:</b>	YES	PPAI :	<b>0 %</b>	CPAI :	<b>100 %</b>	Petrochemical moiety :	<b>0 %</b>
		Non natural ingredient :	<b>0 %</b>				

Comments:

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**Jungbunzlauer Xanthan Gum FFPC\***Function: **Viscosity controlling, Binding, Emulsifying, Emulsion stabilising, Gel forming, Skin conditioning, Surfactant**

INCI: Xanthan Gum

**Conf. ECOCERT:** YES    **100 %** of natural origin (    **0 %** of physically processed vegetal ingredients)  
**0 %** synthetic

**Conf. COSMOS:** YES    PPAI :    **0 %**    CPAI :    **100 %**    Petrochemical moiety :    **0 %**  
Non natural ingredient :    **0 %**

Comments:

**Jungbunzlauer Xanthan Gum FNCS-OC\***Function: **Viscosity controlling, Binding, Emulsifying, Emulsion stabilising, Gel forming, Skin conditioning, Surfactant**

INCI: Xanthan Gum

**Conf. ECOCERT:** YES    **100 %** of natural origin (    **0 %** of physically processed vegetal ingredients)  
**0 %** synthetic

**Conf. COSMOS:** YES    PPAI :    **0 %**    CPAI :    **100 %**    Petrochemical moiety :    **0 %**  
Non natural ingredient :    **0 %**

Comments:

**Jungbunzlauer Xanthan Gum FNCS-PC\***Function: **Viscosity controlling, Binding, Emulsifying, Emulsion stabilising, Gel forming, Skin conditioning, Surfactant**

INCI: Xanthan Gum

**Conf. ECOCERT:** YES    **100 %** of natural origin (    **0 %** of physically processed vegetal ingredients)  
**0 %** synthetic

**Conf. COSMOS:** YES    PPAI :    **0 %**    CPAI :    **100 %**    Petrochemical moiety :    **0 %**  
Non natural ingredient :    **0 %**

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**Jungbunzlauer Xanthan Gum FNCSP-PC\***

 Function: **Viscosity controlling, Binding, Emulsifying, Emulsion stabilising, Gel forming, Skin conditioning, Surfactant**

INCI: Xanthan Gum

**Conf. ECOCERT:** YES **100 %** of natural origin ( **0 %** of physically processed vegetal ingredients)  
**0 %** synthetic

**Conf. COSMOS:** YES PPAI : **0 %** CPAI : **100 %** Petrochemical moiety : **0 %**  
 Non natural ingredient : **0 %**

*Comments:*
**Jungbunzlauer Xanthan Gum FNOC\***

 Function: **Viscosity controlling, Binding, Emulsifying, Emulsion stabilising, Gel forming, Skin conditioning, Surfactant**

INCI: Xanthan Gum

**Conf. ECOCERT:** YES **100 %** of natural origin ( **0 %** of physically processed vegetal ingredients)  
**0 %** synthetic

**Conf. COSMOS:** YES PPAI : **0 %** CPAI : **100 %** Petrochemical moiety : **0 %**  
 Non natural ingredient : **0 %**

*Comments:*
**Jungbunzlauer Xanthan Gum FNPC\***

 Function: **Viscosity controlling, Binding, Emulsifying, Emulsion stabilising, Gel forming, Skin conditioning, Surfactant**

INCI: Xanthan Gum

**Conf. ECOCERT:** YES **100 %** of natural origin ( **0 %** of physically processed vegetal ingredients)  
**0 %** synthetic

**Conf. COSMOS:** YES PPAI : **0 %** CPAI : **100 %** Petrochemical moiety : **0 %**  
 Non natural ingredient : **0 %**

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**Jungbunzlauer Zinc Citrate**

Function: **Antiplaque, Oral care**

INCI: Zinc Citrate

**Conf. ECOCERT:** YES    **100 %** of natural origin (    **0 %** of physically processed vegetal ingredients)  
**0 %** synthetic

**Conf. COSMOS:** YES    PPAI :    **0 %**    CPAI :    **100 %**    Petrochemical moiety :    **0 %**  
Non natural ingredient :    **0 %**

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