ANNEX

Additive	Composition, chemical formula, description, analytical method	Species or		Minimum content	Maximum content		Maximum residue levels	End of		
		category of animal	Maximu m age	mg active substance/kg complete feedingstuff with 12 % moisture content		Other provisions	period of authorisa tion			
Category: sensory additives. Functional group: colourants: (ii) substances which, when fed to animals, add colours to food of animal origin										
Canthaxanthin	Additive composition Canthaxanthin Triphenylphosphine oxide (TPPO) ≤ 100 mg/kg Dichloromethane ≤ 600 mg/kg	Chickens for fattening and minor poultry species for fattening	-	-	25	Canthaxanthin may be placed on the market and used as an additive consisting of a preparation.	Poultry 15 mg canthaxanthin /kg liver (wet tissue) and 2,5 mg canthaxanthin /kg skin/fat	23.9.2025		
	Characterisation of the active substance — Canthaxanthin — C ₄₀ H ₅₂ O ₂ — CAS number: 514-78-3 — Canthaxanthin, solid form, produced by chemical synthesis. — Purity: Assay: min. 96 % Carotenoids other than canthaxanthin: not more than 5 % of total colouring matters.	Laying poultry and poultry reared for laying	-	-	8	2. The mixture of this additive with other additives containing canthaxanthin and other carotenoids is allowed provided that the total concentration of the mixture does not exceed 80 mg total carotenoids/kg of complete feed. 3. For users of the additive and premixtures, feed business operators shall establish operational	(wet tissue) Laying poultry 30 mg canthaxanthin /kg egg yolk (wet tissue)			
	y: sensory additi	description, analytical method v: sensory additives. Functional group: colourants: (ii Canthaxanthin Additive composition Canthaxanthin Triphenylphosphine oxide (TPPO) ≤ 100 mg/kg Dichloromethane ≤ 600 mg/kg Characterisation of the active substance — Canthaxanthin — C₄₀H₅₂O₂ — CAS number: 514-78-3 — Canthaxanthin, solid form, produced by chemical synthesis. — Purity: Assay: min. 96 % Carotenoids other than canthaxanthin: not more than 5 % of total colouring	Canthaxanthin Characterisation of the active substance Canthaxanthin Canthaxanthin Canthaxanthin Canthaxanthin Canthaxanthin Canthaxanthin, solid form, produced by chemical synthesis. Purity: Assay: min. 96 % Carotenoids other than canthaxanthin: not more than 5 % of total colouring Chickens for fattening and minor poultry species for fattening Chickens for fattening and minor poultry species for fattening Characterisation of the active substance Canthaxanthin Canthax	Additive Composition, chemical formula, description, analytical method Category of animal Maximu m age Category additives. Functional group: colourants: (ii) substances which, when feet	Additive Composition, chemical formula, description, analytical method Composition Canthaxanthin Canthaxanthin Triphenylphosphine oxide (TPPO) $\leq 100 \text{ mg/kg}$ Dichloromethane $\leq 600 \text{ mg/kg}$ Characterisation of the active substance — Canthaxanthin — Canthaxanthin, solid form, produced by chemical synthesis. — Purity: Assay: min. 96 % Carotenoids other than canthaxanthin: not more than 5 % of total colouring Content Maximu m agc Maximu mage Maximu mage Maximu mage Maximu mage Maximu mage Totalescription T	Additive Composition, chemical formula, description, analytical method Canthaxanthin Solid form, produced by chemical synthesis. — Purity: Assay: min. 96 % Carotenoids other than canthaxanthin: not more than 5 % of total colouring	Additive Composition, chemical formula, description, analytical method Canthaxanthin Characterisation of the active substance — Canthaxanthin — Canthaxanth	Additive Composition, chemical formula, description, analytical method Canthaxanthin Cant		

Identi- fication	Additive	Composition, chemical formula, description, analytical method	Species or category of animal	Maximu m age	Minimum content	Maximum content		Maximum residue levels	End of	
number of the feed additive					mg active substance/kg complete feedingstuff with 12 % moisture content		Other provisions		period of authorisa tion	
Category	Category: sensory additives. Functional group: colourants: (ii) substances which, when fed to animals, add colours to food of animal origin									
		Method of analysis¹ For the quantification of canthaxanthin in the feed additive: spectrophotometry at 426 nm. For the quantification of canthaxanthin in the premixtures and feedingstuffs: Normal Phase High Performance Liquid Chromatography coupled to visible detection (NP-HPLC-VIS, 466 nm).					to address potential risks resulting from their use. Where those risks cannot be eliminated by such procedures and measures, the additive and premixtures shall be used with personal skin, eye and breathing protective equipment.			
2a161gi	Canthaxanthin	Additive composition Preparation containing minimum 10 % of canthaxanthin Dichloromethane ≤ 600 mg/kg Solid form Characterisation of the active substance — Canthaxanthin produced with Yarrowia lipolytica CBS 146148. — C40H52O2	Chickens for fattening and minor poultry species for fattening Laying poultry and poultry reared for laying	-	-	25 8	1. The mixture of this additive with other additives containing canthaxanthin and other carotenoids is allowed provided that the total concentration of the mixture does not exceed 80 mg total carotenoids/kg of complete feed. 2. For users of the additive and premixtures, feed	Poultry 15 mg canthaxanthin /kg liver (wet tissue) and 2,5 mg canthaxanthin /kg skin/fat (wet tissue) Laying poultry 30 mg canthaxanthin /kg egg yolk (wet tissue)	23.9.2025	

Details of the analytical methods are available at the following address of the Reference Laboratory: https://joint-research-centre.ec.europa.eu/eurl-fa-eurl-feed-additives/eurl-fa-authorisation/eurl-fa-evaluation-reports en

Identi- fication number of the feed additive	Additive	Composition, chemical formula, description, analytical method	Species or category of animal	Maximu m age	complete f with 12 % con	Maximum content ubstance/kg eedingstuff o moisture tent	Other provisions	Maximum residue levels	End of period of authorisa tion
Category	sensory additive	— CAS number: 514-78-3 — Purity: Assay: min. 96 % Carotenoids other than canthaxanthin: not more than 5 % of total colouring matters. Method of analysis² For the quantification of canthaxanthin in the feed additive: spectrophotometry at 426 nm. For the quantification of canthaxanthin in the premixtures and feedingstuffs: Normal Phase High Performance Liquid Chromatography coupled to visible detection (NP-HPLC-VIS, 466 nm).	substances wind	cn, when let	to ammais, a	add colours to	business operators shall establish operational procedures and organisational measures to address potential risks resulting from their use. Where those risks cannot be eliminated by such procedures and measures, the additive and premixtures shall be used with personal skin, eye and breathing protective equipment.		

Details of the analytical methods are available at the following address of the Reference Laboratory: https://joint-research-centre.ec.europa.eu/eurl-fa-eurl-feed-additives/eurl-fa-authorisation/eurl-fa-evaluation-reports_en

Identi- fication			Species or		Minimum content	Maximum content		Maximum residue levels	End of
number of the feed additive	Additive	Composition, chemical formula, description, analytical method description desc		eedingstuff moisture	Other provisions		period of authorisa tion		
Category	y: sensory additiv	ves. Functional group: colourants: (ii	i) substances whi	ich favoural	bly affect the	colour of orna	amental fish or birds		
2a161g	Canthaxanthin	Additive composition Canthaxanthin Triphenylphosphine oxide (TPPO) ≤ 100 mg/kg Dichloromethane ≤ 600 mg/kg	Ornamental fish and ornamental birds except ornamental breeder hens	-	-	100	Canthaxanthin may be placed on the market and used as an additive consisting of a preparation.		23.9.2025
		Characterisation of the active substance — Canthaxanthin — C ₄₀ H ₅₂ O ₂ — CAS number: 514-78-3 — Canthaxanthin, solid form, produced by chemical synthesis. — Purity: Assay: min. 96 % Carotenoids other than canthaxanthin: not more than 5 % of total colouring matters. Method of analysis ³	Ornamental breeder hens	-		8	2. The mixture of this additive with other additives containing canthaxanthin and other carotenoids is allowed provided that the total concentration of the mixture does not exceed 80 mg total carotenoids/kg of complete feed. 3. For users of the additive and premixtures, feed business operators shall establish operational procedures and organisational measures		

Details of the analytical methods are available at the following address of the Reference Laboratory: https://joint-research-centre.ec.europa.eu/eurl-fa-eurl-feed-additives/eurl-fa-authorisation/eurl-fa-evaluation-reports en

Identi- fication	Additive	Composition, chemical formula, description, analytical method	Species or		Minimum content	Maximum content		Maximum residue levels	End of
number of the feed additive			Species or category of animal	Maximu m age	mg active substance/kg complete feedingstuff with 12 % moisture content		Other provisions		period of authorisa tion
Category	: sensory additiv	ves. Functional group: colourants: (ii	i) substances whi	ich favoural	oly affect the	colour of orn	amental fish or birds		
		For the quantification of canthaxanthin in the feed additive: spectrophotometry at 426 nm. For the quantification of canthaxanthin in the premixtures and feedingstuffs: Normal Phase High Performance Liquid Chromatography coupled to visible detection (NP-HPLC-VIS, 466 nm).					to address potential risks resulting from their use. Where those risks cannot be eliminated by such procedures and measures, the additive and premixtures shall be used with personal skin, eye and breathing protective equipment.		
2al6lgi	Canthaxanthin	Additive composition Preparation containing minimum 10 % of canthaxanthin Dichloromethane ≤ 600 mg/kg Solid form	Ornamental fish and ornamental birds except ornamental breeder hens	-	-	100	1. The mixture of this additive with other additives containing canthaxanthin and other carotenoids is allowed provided that the total concentration of the mixture does not exceed 100 mg total carotenoids/kg of complete feed. 2. For users of the additive and premixtures, feed business operators shall establish operational procedures and		23.9.2025
		Characterisation of the active substance — Canthaxanthin produced with Yarrowia lipolytica CBS 146148. — C ₄₀ H ₅₂ O ₂ — CAS number: 514-78-3 — Purity: Assay: min. 96 %	Ornamental breeder hens	-	-	8			

Identi- fication number of the feed additive	Additive	Composition, chemical formula, description, analytical method	Species or category of animal	Maximu m age	Minimum content mg active substance/kg complete feedingstuff with 12 % moisture content oly affect the colour of orna		Other provisions	Maximum residue levels	End of period of authorisa tion
Category	a sensory addition	Carotenoids other than canthaxanthin: not more than 5 % of total colouring matters. Method of analysis ⁴ For the quantification of canthaxanthin in the feed additive: spectrophotometry at 426 nm. For the quantification of canthaxanthin in the premixtures and feedingstuffs: Normal Phase High Performance Liquid Chromatography coupled to visible detection (NP-HPLC-VIS, 466 nm).	y substances will		sy affect the		organisational measures to address potential risks resulting from their use. Where those risks cannot be eliminated by such procedures and measures, the additive and premixtures shall be used with personal skin, eye and breathing protective equipment.		

Details of the analytical methods are available at the following address of the Reference Laboratory: https://joint-research-centre.ec.europa.eu/eurl-fa-eurl-feed-additives/eurl-feed-additives/