ANNEX

Identi-fication number of the feed additive	Additive	Composition, chemical formula, description, analytical method	Species or category of animal	Maximum age	Minimum content	Maximum content	Other provisions	Maximum residue levels	End of period of authorisation
					mg active substance/kg complete feedingstuff with 12 % moisture content				
Category: sensory additives. Functional group: colourants: (ii) substances which, when fed to animals, add colours to food of animal origin									
2a161g	Canthaxanthin	***Additive composition*** Canthaxanthin Triphenylphosphine oxide (TPPO) ≤ 100 mg/kg Dichloromethane ≤ 600 mg/kg ***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.	Chickens for fattening and minor poultry species for fattening	-	-	25	1. Canthaxanthin may be placed on the market and used as an additive consisting of a preparation. 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	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
			Laying poultry and poultry reared for laying	-	-	8			

Identi-fication number of the feed additive	Additive	Composition, chemical formula, description, analytical method	Species or category of animal	Maximum age	Minimum content	Maximum content	Other provisions	Maximum residue levels	End of period of authorisation
					mg active substance/kg complete feedingstuff with 12 % moisture content				
Category: sensory additives. Functional group: colourants: (ii) substances which, when fed to animals, add colours to food of animal origin									
		Method of analysis[1] 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. — $C_{40}H_{52}O_2$	Chickens for fattening and minor poultry species for fattening	-	-	25	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
			Laying poultry and poultry reared for laying	-	-	8			

[1] 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	Maximum age	Minimum content	Maximum content	Other provisions	Maximum residue levels	End of period of authorisation
					mg active substance/kg complete feedingstuff with 12 % moisture content				
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		— CAS number: 514-78-3 — Purity: Assay: min. 96 % Carotenoids other than canthaxanthin: not more than 5 % of total colouring matters. ***Method of analysis***[2] 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).					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.		

[2] 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	Maximum age	Minimum content	Maximum content	Other provisions	Maximum residue levels	End of period of authorisation
					mg active substance/kg complete feedingstuff with 12 % moisture content				
Category: sensory additives. Functional group: colourants: (iii) substances which favourably affect the colour of ornamental fish or birds									
2a161g	Canthaxanthin	***Additive composition*** Canthaxanthin Triphenylphosphine oxide (TPPO) ≤ 100 mg/kg Dichloromethane ≤ 600 mg/kg ***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 fish and ornamental birds except ornamental breeder hens	-	-	100	1. Canthaxanthin may be placed on the market and used as an additive consisting of a preparation. 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		23.9.2025
			Ornamental breeder hens	-	-	8			

[3] 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	Maximum age	Minimum content	Maximum content	Other provisions	Maximum residue levels	End of period of authorisation
					mg active substance/kg complete feedingstuff with 12 % moisture content				
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		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. — $C_{40}H_{52}O_2$ — CAS number: 514-78-3 — Purity: Assay: min. 96 %	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
			Ornamental breeder hens	-	-	8			

Identi-fication number of the feed additive	Additive	Composition, chemical formula, description, analytical method	Species or category of animal	Maximum age	Minimum content	Maximum content	Other provisions	Maximum residue levels	End of period of authorisation
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[4] 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