

Product specifications

Item	Xanthophylls Yellow (Natural extracts)	Red (Canthaxanthin) N.I.	Pink (Astaxanthin) N.I.	Orange- Yellow (Beta- Carotene) N.I.	Paprika Orange (Natural Extract)	Iron oxides (Red, Yellow, Black & Brown)	Lemon Yellow (tartrazine) Synthetic
Appearance	Free- flowing yellow powder	Free- flowing red- violet beadlet	Free- flowing red- violet beadlet	Free- flowing red- brown beadlet	Free flowing yellowish powder	Amorphous fine, red/yellow/ black or brown powders	Free- flowing yellow powder
Odour	Characteristic odour of lutein	Almost odourless	Almost odourless	Characteristic	Characteristic smell	Odourless	Almost odourless
Particle size	100% smaller than 850 pm	100% smaller than 425 pm	100% smaller than 425 pm	100% smaller than 425 pm	100% smaller than 850 pm	95% smaller than 850 pm	100% smaller than 850 pm
Strengths	From 0.5 % to 4 % of Xanthophyll content	From 0.5 to 10% Canthaxanthin content	Max. 10% Astaxanthin	Max. 10% Beta Carotene	Max. 5,000 c.u.	From 85 % to 99 % Fe ₂ O ₃	Max. 90% PDC
Applications	Poultry & aquatic feed (Dosage: 100 – 2000 ppm)	Aquatic & poultry feed (dosage 5 – 20 ppm)	Aquatic feed (dosage 5 – 20 ppm)	Aquatic, cattle, pig and poultry feed	Poultry & aquatic feed (Dosage: 100 – 2000 ppm)	Swine feed, Pet feed and Aquatic feed industries	Swine feed, Pet feed and Aquatic feed industries m
Moisture	Typically 12 % but can be created at 10% on request	Typically 8 %	Typically 8 %	Typically 8 %	Typically 10%	Between 0.5 % to 2 %	Typically 15 %
Drying loss	Max. 7%	Max. 10 %	Max. 10 %	Max. 10 %	Max. 8 %	Max. 8 %	
Packaging	Multi layered bag with inner						
Quality	Aluminium layer and nitrogen-seal packed except for Synthetic colors and Iron Oxides						
Packaging sizes	1, 5, 20 & 25 kg bags for powders and 1, 5, 20 & 200 kgs. For xanthophyll liquids storage: Store in a cool dry place, avoid sunlight and high temperature.						