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TECHNICAL SHEET WATER SOLUBLE COLOURINGS IN POWDER

PRODUCT:	Colouring in powder form EGG YELLOW ¹⁶
CODE:	80g: IDROP80UOV – 400g: IDROP400UOV
INGREDIENTS:	E102 tartrazine, E110 Sunset Yellow FCF.
NOTES:	They may influence behavioural changes in children.
ALLERGENS:	none. Ref. EU regulation UE 1169/2011 annex II of 25 th October 2011
DESTINATION:	For food use (ref. Directive EC1333/2008)
APPEARANCE:	orange powder
PACKAGING:	Jar made of plastic (HDPE 2) of 80g and 400g
SHELF LIFE:	Best before 60 months. See the expiration date stated on the packaging.
PRESERVATION:	Keep in well-closed containers, in a cool, dry place.
CAUTION:	Do not ingest the concentrated product and avoid contact with eyes and mucous membranes.

CLAIM: **GLUTEN FREE PRODUCT**, **LACTOSE FREE PRODUCT**, **VEGAN PRODUCT**

ANALYSIS

DYE CONTENT:	DO _{431nm} =0.78 rel. A ₄₂₈ /A ₄₈₀ =1,68
ABSORBANCE:	Maximum at 430 nm
IDENTIFICATION:	Correct by UV-Vis spectrophotometry
HEAVY METALS:	
Pb	max. 2 ppm
As	max. 3 ppm
Hg	max. 1 ppm
Cd	max. 1 ppm

LEGISLATIVE REFERENCES: Regulations (EU) 178/2002, 231/2012, 852/2004, 1129/2011, 1169/2011, 2022/63



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TECHNICAL SHEET WATER SOLUBLE COLOURINGS IN POWDER

PRODUCT:	Colouring in powder form PINK 1153
CODE:	80g: IDROP80ROS – 400g: IDROP400ROS
INGREDIENTS:	E122 Carmoisine, E124 Ponceau 4R.
NOTES:	They may influence behavioural changes in children.
ALLERGENS:	none. Ref. EU regulation UE 1169/2011 annex II of 25 th October 2011
DESTINATION:	For food use (ref. Directive EC1333/2008)
APPEARANCE:	red powder
PACKAGING:	Jar made of plastic (HDPE 2) of 80g and 400g
SHELF LIFE:	Best before 60 months. See the expiration date stated on the packaging.
PRESERVATION:	Keep in well-closed containers, in a cool, dry place.
CAUTION:	Do not ingest the concentrated product and avoid contact with eyes and mucous membranes.
CLAIM:	GLUTEN FREE PRODUCT, LACTOSE FREE PRODUCT, VEGAN PRODUCT

ANALYSIS

HEAVY METALS:

Pb	max. 2 ppm
As	max. 3 ppm
Hg	max. 1 ppm
Cd	max. 1 ppm

LEGISLATIVE REFERENCES: Regulations (EU) 178/2002, 231/2012, 852/2004, 1129/2011, 1169/2011, 2022/63

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TECHNICAL SHEET WATER SOLUBLE COLOURINGS IN POWDER

PRODUCT:	Colouring in powder form BRILLIANT BLUE ¹⁶
CODICI:	80g: IDROP80AZZ – 400g: IDROP400AZZ
INGREDIENTS:	Brilliant blue FCF E133
ALLERGENS:	none. Ref. EU regulation UE 1169/2011 annex II of 25 th October 2011
DESTINATION:	For food use (ref. Directive EC1333/2008)
APPEARANCE:	blue powder
PACKAGING:	Jar made of plastic (HDPE 2) of 100g and 500g
SHELF LIFE:	Best before 60 months. See the expiration date stated on the packaging.
PRESERVATION:	Keep in well-closed containers, in a cool, dry place.
CAUTION:	Do not ingest the concentrated product and avoid contact with eyes and mucous membranes.

CLAIM: **GLUTEN FREE PRODUCT**, **LACTOSE FREE PRODUCT**, **VEGAN PRODUCT**

ANALYSIS

DYE CONTENT:	16,71%
ABSORBANCE:	Maximum at 630 and 408 nm
IDENTIFICATION:	Correct by UV-Vis spectrophotometry
HEAVY METALS:	
Pb	max. 2 ppm
As	max. 3 ppm
Hg	max. 1 ppm
Cd	max. 1ppm

LEGISLATIVE REFERENCES: Regulations (EU) 178/2002, 231/2012, 852/2004, 1129/2011, 1169/2011, 2022/63

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TECHNICAL SHEET WATER SOLUBLE COLOURINGS IN POWDER

PRODUCT:	Colouring in powder form LEMON YELLOW-TARTRAZINE TARTRAZINA 233 A
CODICI:	80g: IDROP80LIM-400g: IDROP400LIM
INGREDIENTS:	E102 tartrazine.
NOTES:	It may influence behavioural changes in children.
ALLERGENS:	none. Ref. EU regulation UE 1169/2011 annex II of 25 th October 2011
DESTINATION:	For food use (ref. Directive EC1333/2008)
APPEARANCE:	reddish yellow powder
PACKAGING:	Jar made of plastic (HDPE 2) of 80g and 400g
SHELF LIFE:	Best before 60 months. See the expiration date stated on the packaging.
PRESERVATION:	Keep in well-closed containers, in a cool, dry place.
CAUTION:	Do not ingest the concentrated product and avoid contact with eyes and mucous membranes.
DYE CONTENT:	29,85%
ABSORBANCE:	Maximum at 427 nm
IDENTIFICATION:	Correct by UV-Vis spectrophotometry
HEAVY METALS:	
Pb	max. 2 ppm
As	max. 3 ppm
Hg	max. 1 ppm
Cd	max. 1ppm

LEGISLATIVE REFERENCES: Regulations (EU) 178/2002, 231/2012, 852/2004, 1129/2011, 1169/2011, 2022/63



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TECHNICAL SHEET WATER SOLUBLE COLOURINGS IN POWDER

PRODUCT:	Colouring in powder form RED Ponceau 33
CODE:	80g: IDROP80RSS – 400g: IDROP400RSS
INGREDIENTS:	E124 Ponceau 4R.
NOTES:	It may influence behavioural changes in children.
ALLERGENS:	none. Ref. EU regulation UE 1169/2011 annex II of 25 th October 2011
DESTINATION:	For food use (ref. Directive EC1333/2008)
APPEARANCE:	red powder
PACKAGING:	Jar made of plastic (HDPE 2) of 80g and 400g
SHELF LIFE:	Best before 60 months. See the expiration date stated on the packaging.
PRESERVATION:	Keep in well-closed containers, in a cool, dry place.
CAUTION:	Do not ingest the concentrated product and avoid contact with eyes and mucous membranes.
CLAIM:	GLUTEN FREE PRODUCT, LACTOSE FREE PRODUCT, VEGAN PRODUCT
ANALYSIS	
DYE CONTENT:	33%
ABSORBANCE:	Maximum at 507 nm
IDENTIFICATION:	Correct by UV-Vis spectrophotometry
WATER INSOLUBLE MATTER:	< 0,2%
HEAVY METALS:	
Pb	max. 2 ppm
As	max. 3 ppm
Hg	max. 1 ppm
Cd	max. 1 ppm
LEGISLATIVE REFERENCES:	Regulations (EU) 178/2002, 231/2012, 852/2004, 1129/2011, 1169/2011, 2022/63

COME DIFFERENZIARE



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TECHNICAL SHEET WATER SOLUBLE COLOURINGS IN POWDER

PRODUCT:	Colouring in powder form BROWN MARRONE 952
CODES:	80g: IDROP80BRU –400g: IDROP400BRU
INGREDIENTS:	Tartrazine E 102, Ponceau 4 R E 124, Patent Blue V E131.
NOTES:	They may influence behavioural changes in children.
ALLERGENS:	none. Ref. EU regulation UE 1169/2011 annex II of 25 th October 2011
DESTINATION:	For food use (ref. Directive EC1333/2008)
APPEARANCE:	black powder
PACKAGING:	Jar made of plastic (HDPE 2) of 100g and 500g
SHELF LIFE:	Best before 60 months. See the expiration date stated on the packaging.
PRESERVATION:	Keep in well-closed containers, in a cool, dry place.
CAUTION:	Do not ingest the concentrated product and avoid contact with eyes and mucous membranes.
CLAIM:	GLUTEN FREE PRODUCT , LACTOSE FREE PRODUCT , VEGAN PRODUCT
ANALYSIS	
DYE CONTENT:	DO ₄₃₁ (1:10000)=0,84 rel. A ₄₃₁ /A ₆₃₈ =5,0
ABSORBANCE:	Maximum at 638 e 429 nm
IDENTIFICATION:	Correct by UV-Vis spectrophotometry
HEAVY METALS:	
Pb	max. 2 ppm
As	max. 3 ppm
Hg	max. 1 ppm
Cd	max. 1 ppm

LEGISLATIVE REFERENCES: Regulations (EU) 178/2002, 231/2012, 852/2004, 1129/2011, 1169/2011, 2022/63





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TECHNICAL SHEET WATER SOLUBLE COLOURINGS IN POWDER

PRODUCT:	Colouring in powder form GREEN MINT ⁸³⁹
CODE:	80g: IDROP80VER - 400g: IDROP400VER
INGREDIENTS:	E102 tartrazine, E131 patent blue V.
NOTES:	It may influence behavioural changes in children.
ALLERGENS:	none. Ref. EU regulation UE 1169/2011 annex II of 25 th October 2011
DESTINATION:	For food use (ref. Directive EC1333/2008)
APPEARANCE:	green powder
PACKAGING:	Jar made of plastic (HDPE 2) of 80g and 400g
SHELF LIFE:	Best before 60 months. See the expiration date stated on the packaging.
PRESERVATION:	Keep in well-closed containers, in a cool, dry place.
CAUTION:	Do not ingest the concentrated product and avoid contact with eyes and mucous membranes.
CLAIM:	GLUTEN FREE PRODUCT, LACTOSE FREE PRODUCT, VEGAN PRODUCT

ANALYSIS

DYE CONTENT:	DO ₆₃₈ (1:10000)=1,18 rel. A ₆₃₈ /A ₄₁₅ =1,43
ABSORBANCE:	Maximum at 638 e 415 nm
IDENTIFICATION:	Correct by UV-Vis spectrophotometry
HEAVY METALS:	
Pb	max. 2 ppm
As	max. 3 ppm
Hg	max. 1 ppm
Cd	max. 1 ppm

LEGISLATIVE REFERENCES: Regulations (EU) 178/2002, 231/2012, 852/2004, 1129/2011, 1169/2011, 2022/63

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TECHNICAL SHEET WATER SOLUBLE COLOURINGS IN POWDER

PRODUCT:	Colouring in powder form VIOLET 4401
CODICI:	80g: IDROP80VIO – 400g: IDROP400VIO
INGREDIENTS:	Carmoisine E122 , Brilliant black BN E151.
NOTES:	It may influence behavioural changes in children.
ALLERGENS:	none. Ref. EU regulation UE 1169/2011 annex II of 25 th October 2011
DESTINATION:	For food use (ref. Directive EC1333/2008)
APPEARANCE:	Black violet powder
PACKAGING:	Jar made of plastic (HDPE 2) of 80g and 400g
SHELF LIFE:	Best before 60 months. See the expiration date stated on the packaging.
PRESERVATION:	Keep in well-closed containers, in a cool, dry place.
CAUTION:	Do not ingest the concentrated product and avoid contact with eyes and mucous membranes.
CLAIM:	GLUTEN FREE PRODUCT , LACTOSE FREE PRODUCT , VEGAN PRODUCT
ANALYSIS	
DYE CONTENT:	DO ₅₅₆ = 0,77 rel. A ₅₆₈ /A ₅₁₅ = 1,26
ABSORBANCE:	Maximum at 568 e 406 nm
IDENTIFICATION:	Correct by UV-Vis spectrophotometry
HEAVY METALS:	
Pb	max. 2 ppm
As	max. 3 ppm
Hg	max. 1 ppm
Cd	max. 1ppm

LEGISLATIVE REFERENCES: Regulations (EU) 178/2002, 231/2012, 852/2004, 1129/2011, 1169/2011, 2022/63

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TECHNICAL SHEET WATER SOLUBLE COLOURINGS IN POWDER

PRODUCT:	Colouring in powder form BRILLIANT BLACK⁹⁵²
CODE:	80g: IDROP80NER– 400g: IDROP400NER
INGREDIENTS:	Tartrazine E 102, Sunset Yellow FCF E 110, Ponceau 4 R E124, Patent blue V E131, Brilliant black BN E151.
NOTES:	They may influence behavioural changes in children.
ALLERGENS:	none. Ref. EU regulation UE 1169/2011 annex II of 25 th October 2011
DESTINATION:	For food use (ref. Directive EC1333/2008)
APPEARANCE:	Black powder
PACKAGING:	Jar made of plastic (HDPE 2) of 80g and 400g
SHELF LIFE:	Best before 60 months. See the expiration date stated on the packaging.
PRESERVATION:	Keep in well-closed containers, in a cool, dry place.
CAUTION:	Do not ingest the concentrated product and avoid contact with eyes and mucous membranes.

CLAIM: **GLUTEN FREE PRODUCT, LACTOSE FREE PRODUCT, VEGAN PRODUCT**

ANALYSIS

DYE CONTENT:	DO _{434nm} (1:10000)=0,73 DO _{509nm} (1:10000)=0,63 DO _{416nm} (1:10000)=0,58
ABSORBANCE:	Maximum at 636, 508 e 415 nm
IDENTIFICATION:	Correct by UV-Vis spectrophotometry
HEAVY METALS:	
Pb	max. 2 ppm
As	max. 3 ppm
Hg	max. 1 ppm
Cd	max. 1 ppm

LEGISLATIVE REFERENCES: Regulations (EU) 178/2002, 231/2012, 852/2004, 1129/2011, 1169/2011, 2022/63

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TECHNICAL SHEET WATER SOLUBLE COLOURINGS IN POWDER

EXTRA INFORMATION:

WATER SOLUBLE COLOURING IN POWDER FORM EGG YELLOW
WATER SOLUBLE COLOURING IN POWDER FORM BRILLIANT SKY BLUE
WATER SOLUBLE COLOURING IN POWDER FORM BROWN
WATER SOLUBLE COLOURING IN POWDER FORM BLACK
WATER SOLUBLE COLOURING IN POWDER FORM RED PONCEAU 4R
WATER SOLUBLE COLOURING IN POWDER FORM PINK
WATER SOLUBLE COLOURING IN POWDER FORM LEMON YELLOW
WATER SOLUBLE COLOURING IN POWDER FORM GREEN
WATER SOLUBLE COLOURING IN POWDER FORM PURPLE

- Are synthetic.
- Conforms the requirements stated in the specification and complies in full respect to the EU purity requirements for food colours as laid down in Regulation 231/2012/EU
- Can be used in food and pharmaceutical products for human use according Regulation 1333/2008/UE and Directive 35/2009/UE. For applications allowed and dosage consult legislation in force.
- Can be used as cosmetic colour according Regulation 1223/2009/EU.
- Does not contain any component from genetically modified origin.
- Are not affected by B.S.E. risks.
- Do not contain any allergen mentioned in Annex II of EU REGULATION 1169/2011 for food products.
- Does not contain any allergen mentioned in cosmetic Regulation 1223/2009/EU.
- Solvents are not used in manufacturing process and consequently does not contain any solvent.
- Metallic catalysts are not used in its manufacturing process, consequently metallic residues from Class 1, 2 y 3 according Guideline ICH Q3D are not expected to be present.
- Have not been treated with ionisation.
- Have not been tested in animals for our company or our supplier.
- Do not contain substances classified as CMR.
- EU regulations for pesticides and fertilizers do not apply for these products. *
- Are soluble dyes and consequently are not affected by nanoparticles regulation.
- Do not contain any substance from WADA list.



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TECHNICAL SHEET WATER SOLUBLE COLOURINGS IN POWDER

PRODUCT:	Colouring in powder WHITE E170
COD:	80g: IDROP80BIA – 400g: IDROP400BIA
INGREDIENTS:	E170 Calcium carbonate
ALLERGENS:	none. Ref. EU regulation UE 1169/2011 annex II of 25 th October 2011
DESTINATION:	For food use (ref. Directives EC1333/2008-231/2012)
DOSAGE:	For dosage and applications consult the legislation in force DOUE REG 1129/2011 and its following modifications.
APPEARANCE:	white powder
PACKAGING:	Jar made of plastic (HDPE 2) of 80g and 400g
SHELF LIFE:	Best before 36 months. See the expiration date stated on the packaging.
PRESERVATION:	Keep in well-closed containers, in a cool, dry place.
CAUTION:	Do not ingest the concentrated product and avoid contact with eyes and mucous membranes.
ANALYSIS	
CaCO ₃ :	100,1%
Manganese:	3,53 ppm
Aluminium:	29,52 ppm
HEAVY METALS:	
As	max. 3 ppm
Pb	max. 3 ppm
Hg	max. 0,5 ppm
Cd	max. 1ppm
PRODUCT DATA:	Specific Density: 2,7 g/ml (ISO 787-10) Bulk density: 0,9 g/ml (ISO 787-11) pH: 9,5 (ISO 787-9)
PARTICLE SIZE:	d 50% 2 µm

LEGISLATIVE REFERENCES: Regulations (EU) 178/2002, 231/2012, 852/2004, 1129/2011, 1169/2011, 2022/63



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TECHNICAL SHEET WATER SOLUBLE COLOURINGS IN POWDER

EXTRA INFORMATION:

WATER SOLUBLE COLOURING IN POWDER FORM WHITE E170

- Is from synthetic mineral origin and has been manufactured in UE.
- Conforms the requirements stated in the specification and complies in full respect to the EU purity requirements for food colours as laid down in Regulation 231/2012/EU
- Can be used in food and pharmaceutical products for human use according Regulation 1333/2008/UE and Directive 35/2009/UE.
- Can be used as cosmetic colour according Regulation 1223/2009/EU.
- Does not contain any component from genetically modified origin.
- Is not affected by B.S.E. risks.
- Does not contain any allergen mentioned in Annex II of EU REGULATION 1169/2011 for food products.
- Does not contain any allergen mentioned in the following cosmetic regulations: Dir 2003/15/EC and Regulation 1223/2009/EU
- Solvents are not used in manufacturing process and consequently does not contain any solvent.
- Is used as food additive and consequently is exempted from Reach registration. For other uses has been registered.
- Has not been treated with ionisation.
- Has not been tested in animals for our company or our supplier.
- Does not contain substances classified as CMR.
- Does not contain glycol ethers.
- Nanomaterial producing technology has not been used, there are not intentionally produced nanoparticles. Mass fraction of nanoparticles (elements with a size between 1- 100 nm) is less than 10 %, consequently, it should not be considered nanomaterial according REG 2011/696.
- Do not contain any substance from WADA list.