

E102 TARTRAZINE YELLOW 85%

Cod. 01E102HC

Date 12/05/2026

Emission nr 14

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DESCRIPTION - IDENTITY

Colour Index	19140	Chemical formula	$C_{16}H_9N_4O_9S_2Na_3$
Cas Register Number	1934-21-0	EINECS	217-699-5

PHYSICAL-CHEMICAL

Data	Analytical method	Units	Specifications	Note
Pure dye content	CQ/SP	%	≥ 85	1% E = 530 1cm λ max = 426 ± 2 nm
Appearance powder	CQ/AP		yellow-reddish	
Hue solution 1%	CQ/TS		yellow-limpid	
Chlorides	CQ/CL	%	10 - 15	
Sulphates	CQ/SF	%		
Loss on drying at 135 °C	CQ/UM	%		
Water insoluble matter	CQ/IN	%		
Subsidiary colouring matters	CQ/CA	%	≤ 1	
Organic compounds other than colouring matters	CQ/PI	%	≤ 0.5	
Unsulphonated primary aromatic amines	CQ/AA	%	≤ 0.01	calculated as aniline
Ether-extractable matter	CQ/EE	%	≤ 0.2	
Arsenic	CQ/AS	mg/kg	≤ 3	
Lead	CQ/PB	mg/kg	≤ 2	
Mercury	CQ/HG	mg/kg	≤ 1	
Cadmium	CQ/CD	mg/kg	≤ 1	

Water soluble dye standardised

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HC_03_En 946



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 Production Sites: Via Bocchi 2, 43016 Polesine di Zibello (PR) - Via A. Ciucani 11, 20876 Ornago (MB) - Via Italia 28, 20060 Gessate (MI)

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LABELLING & CONFORMITY

E102/Tartrazine

Product comply to specific purity criteria stated on Reg. 231/2012/EU

Usage of colorants may be subject to legislative limits, consult the legislation in force

If applicable, the indications in Annex 5 of Regulation 1333/2008, as amended, should be applied to the finished product.

SHELF LIFE AND STORAGE CONDITION

60 months keep in sealed original container in dry and cool place. Different packaging available

OGM (Reg. EC 1829/2003 and 1830/2003)

Product does not derive or contain or it coming from any OGM. No labelling required

ALLERGEN (Regulation (EU) No 1169/2011)

Product does not contain any allergens. None extra label require. Cross contamination managed by specific production and clearing procedure

IONIZING RADIATION

No irradiation apply without according to the customer.

LABELLING TSE/BSE according to CPMP/410/01 :

Product does not derive or contain animal origin. Free of TSE/BSE. No labelling required

CLASSIFICATION, LABELLING AND PACKAGING (Regulation EC 1272/2008 (CLP))

Product is not hazardous in normal usage condition. MSDS provide upon request.

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