

FD&C YELLOW # 5 E102 TARTRAZINE YELLOW

Fiorio codex number 5FDC

Date 21/05/2013

Emission nr 8

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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	%	87 min	1% $E = 530$ 1cm $\lambda \text{ max} = 426 \pm 2 \text{ nm}$
Appearance powder	CQ/AP		yellow-reddish	
Hue solution 1%	CQ/TS		yellow-limpid	
Chlorides	CQ/CL	%	≤ 13	
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	
Unulfonated 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

ISSUED
CQ

VERIFIED
RGQ

APPROVED
DC

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LABELLING & CONFORMITY

FD&C Y5 - E102 - Tartrazine

Product comply to specific purity criteria stated on Dir. 231/2012/EC (128/2008/EC)

This color complies, in full respect, with the FDA purity requirements as laid down in Code of Federal Regulations Title 21, Parts 1 to 99

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

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 (All. III bis Directives 2000/13/EC and 2003/89/EC

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

IONISATED 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

SAFETY SHEET (Reg EC 1907/2006)

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

ISSUED
CQ

VERIFIED
RGQ

APPROVED
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