

## E110 SUNSET YELLOW 85%

Cod. 02E110HC

Date 12/03/2026

Emission nr 13

pg 1 / 2

### DESCRIPTION - IDENTITY

Colour Index	15985	Chemical formula	$C_{16}H_{10}N_2O_7S_2Na_2$
Cas Register Number	2783-94-0	EINECS	220-491-7

### PHYSICAL-CHEMICAL

Data	Analytical method	Units	Specifications	Note
Pure dye content	CQ/SP	%	≥ 85	1% E = 555 1cm λ max = 485 ± 2 nm
Appearance powder	CQ/AP		orange-red	
Hue solution 1%	CQ/TS		orange-limpid	
Chlorides	CQ/CL	%		
Sulphates	CQ/SF	%		≤ 15
Loss on drying at 135 °C	CQ/UM	%		
Water insoluble matter	CQ/IN	%		≤ 0.2
Subsidiary colouring matters	CQ/CA	%	≤ 5	
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	
SUDAN I	CQ/EX	mg/kg	≤ 0,5	
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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### NACTAROME S.r.l. con socio unico

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pg 2 / 2

### LABELLING & CONFORMITY

E110 / Sunset Yellow

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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