

## E104 QUINOLINE YELLOW 70%

Cod. 01E10470

Date 10/05/2023

Emission nr 13

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### DESCRIPTION - IDENTITY

|                     |            |                  |                        |
|---------------------|------------|------------------|------------------------|
| Colour Index        | 47005      | Chemical formula | $C_{18}H_9NO_8S_2Na_2$ |
| Cas Register Number | 95193-83-2 | EINECS           | 305-897-5              |

### PHYSICAL-CHEMICAL

| Data                                           | Analytical method | Units | Specifications | Note                                                           |
|------------------------------------------------|-------------------|-------|----------------|----------------------------------------------------------------|
| Pure dye content                               | CQ/SP             | %     | $\geq 70$      | 1%<br>E = 865<br>1cm<br>$\lambda_{max} = 411 \pm 2 \text{ nm}$ |
| Monosulfonates                                 | CQ/HP             | %     | $\leq 15$      |                                                                |
| Disulfonates                                   | CQ/HP             | %     | $\geq 80$      |                                                                |
| Trisulfonates                                  | CQ/HP             | %     | $\leq 7$       |                                                                |
| Appearance powder                              | CQ/AP             |       | yellow-orange  |                                                                |
| Hue solution 1%                                | CQ/TS             |       | yellow-limpid  |                                                                |
| Chlorides                                      | CQ/CL             | %     | $\leq 30$      |                                                                |
| Sulphates                                      | CQ/SF             | %     |                |                                                                |
| Loss on drying at 135 °C                       | CQ/UM             | %     |                |                                                                |
| Water insoluble matter                         | CQ/IN             | %     | $\leq 0.2$     |                                                                |
| Subsidiary colouring matters                   | CQ/CA             | %     | $\leq 4$       |                                                                |
| Organic compounds other than colouring matters | CQ/PI             | %     | $\leq 0.5$     |                                                                |
| 2-(2-chinolil) indan-1,3-dione                 | CQ/ID             | mg/kg | $\leq 4$       |                                                                |
| Un sulfonated primary aromatic amines          | CQ/AA             | %     | $\leq 0.01$    | calculated as aniline                                          |
| Ether-extractable matter                       | CQ/EE             | %     | $\leq 0.2$     |                                                                |
| Arsenic                                        | CQ/AS             | mg/kg | $\leq 3$       |                                                                |
| Lead                                           | CQ/PB             | mg/kg | $\leq 2$       |                                                                |
| Mercury                                        | CQ/HG             | mg/kg | $\leq 1$       |                                                                |
| Cadmium                                        | CQ/CD             | mg/kg | $\leq 1$       |                                                                |

Water soluble dye standardised

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**NACTAROME S.r.l. con socio unico**

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### **LABELLING & CONFORMITY**

E104/Quinoline 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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