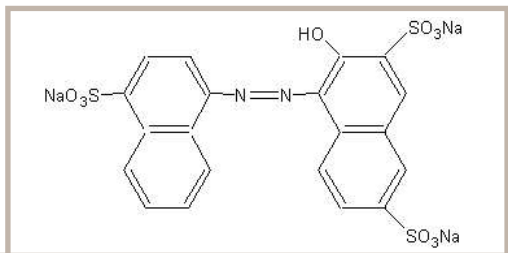




Amaranth



E123



Appearance:

POWDER:

- 85% standard
- On request, product available at different concentrations

SOLUTION:

- 10% standard
- On request, product available at different concentrations

Identification

EC No.	E123
C.I. No.	16185
CAS No.	915-67-3
EINECS	213-022-2

Legislation

Europe:
95/45 EC

North America:
FDA: CFR 21 PART.1/99-82.1051

Japan:
Positive list

Properties

Pure Dye Content: 85% min.

Max. absorbancy: $E_{1\%}^{1cm} = 440$

Aqueous solution at $520 \pm 2nm$

Chloride/Sulphate/Humidity at $135^\circ \leq 15\%$

Other parameters as per local legislation.



Solubility

In water:	80 g/l
In ethanol 95%:	<1g/l
In ethanol 50%:	7 g/l

Stability

Heat:	good
Light:	good
Citric acid (pH=3):	good
Alkali (pH=8):	good

Applications

Foodstuff

Beverages

Pharmaceuticals

Cosmetics, Personal care

Detergents

Inks

FIORIO COLORI
90 years experience

FIORIO COLORI S.P.A.
VIA ITALIA, 28
20060 GESSATE (MI)
ITALY
TEL. +39 0295929033
FAX +39 0295382688
info@fioriocolori.com