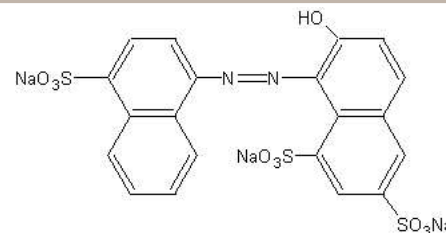




Ponceau 4R



E124

$C_{20}H_{11}N_2Na_3O_{10}S_3$ (Cochineal Red A)

Appearance:

POWDER:

- 80% standard
- On request, product available at different concentrations

GRANULAR:

- 82% standard

SOLUTION:

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

Identification

EC No. E124
 C.I. No. 16255
 CAS No. 2611-82-7
 EINECS 220-036-2

Legislation

Europe:
 95/45 EC
 North America:
 FDA: CFR 21 PART.1/99-82.1051
 Japan:
 Positive list

Properties

Pure Dye Content: 82% min.
 Max. absorbancy: $E_{1\%}^{1cm} = 430$ in aqueous solution at $505 \pm 2nm$
 Chloride/Sulphate/Humidity at $135^\circ \leq 18\%$
 Other parameters as per local legislation.



Solubility

In water: 240 g/l
 In ethanol 95%: <1g/l
 In ethanol 50%: 40 g/l

Stability

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

Applications

Foodstuff
 Beverages
 Pharmaceuticals
 Cosmetics, Personal care
 Detergents
 Inks

FIORIO COLORI
 90 years experience

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