

n-OCTYL ALCOHOL



- Synonyms: 1-Octanol
- $C_8H_{18}O$
- $M = 130,23 \text{ g/mol}$
- CAS [111-87-5]
- EINECS-No.: 203-917-6
- Density: $0,83 \text{ g/cm}^3$
- Solub. in water: (20 °C): non-miscible
- Melting point: -16 °C
- Boiling point: $188 - 198 \text{ °C}$
- Flash pt. 81 °C
- Ignition temp.: 270 °C
- Vapour pressure: (20 °C) $0,3 \text{ hPa}$
- Refraction index: (n 20 °C/D) $1,4291$
- LD 50 (oral, rat): $> 5000 \text{ mg/kg}$
- GHS-signal word: Warning
- GHS-H sentences: H319
- GHS-P sentences: P280 - P264 - P305 + P351 + P338 - P337 + P313
- Tariff number: 2905 16 80 00
- Applications: laboratory reagent, synthesis of organic products, perfumery.

AL0393 n-Octyl alcohol, EssentQ®



assay (G.C.) min. 99 %
identity (IR-spectrum) passes test
density (20°/4°) 0,824 - 0,826
free acid (as $C_7H_{15}COOH$) max. 0,005 %

foreign alcohols max. 1 %
substances darkened by H_2SO_4 passes test
water (K.F.) max. 0,1 %

ART. NO.	VOLUME	CONTAINER
AL03931000	1 l	0

AL0395 n-Octyl alcohol, ExpertQ®, for analysis



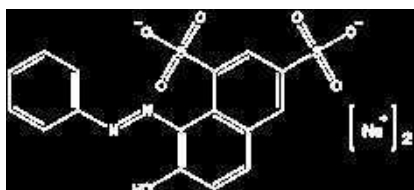
assay (G.C.) min. 99,5 %
identity (IR-spectrum) passes test
density (20°/4°) 0,824 - 0,826
appearance clear
acidity max. 0,0002 meq/g
colour (Hazen) max. 10
aldehydes + ketones (as $C_7H_{15}CHO$) max. 0,01 %
arsenic (As) max. 0,1 ppm
cadmium (Cd) max. 0,05 ppm
calcium (Ca) max. 0,5 ppm
chromium (Cr) max. 0,02 ppm
cobalt (Co) max. 0,02 ppm

copper (Cu) max. 0,02 ppm
heavy metals (as Pb) max. 0,1 ppm
iron (Fe) max. 0,1 ppm
lead (Pb) max. 0,1 ppm
magnesium (Mg) max. 0,1 ppm
manganese (Mn) max. 0,02 ppm
nickel (Ni) max. 0,02 ppm
zinc (Zn) max. 0,1 ppm
substances darkened by H_2SO_4 passes test
residue on ignition max. 0,02 %
water (K.F.) max. 0,1 %

ART. NO.	VOLUME	CONTAINER
AL03951000	1 l	0

ORANGE G, C.I. 16230

AN0030 Orange G, C.I. 16230, for microscopy



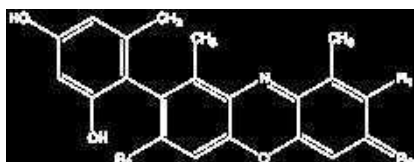
- $C_{16}H_{10}N_2Na_2O_6S_2$
- $M = 452,36 \text{ g/mol}$
- CAS [1936-15-8]
- EINECS-No.: 217-705-6
- Solub. in water: (20 °C): $\sim 70 \text{ g/l}$
- LD 50 (oral, rat): $> 3000 \text{ mg/kg}$
- Tariff number: 3204 12 00 00
- Applications: analytical chemistry, indicator, microscopy.

suitability for microscopy passes test

ART. NO.	VOLUME	CONTAINER
AN00300025	25 g	0

ORCEIN

OR0020 Orcein, for microscopy



- Synonyms: Natural Red 28
- CAS [1400-62-0]
- EINECS-No.: 215-750-6
- Solub. in water: (25 °C): almost insoluble
- Tariff number: 3203 00 19 00
- Applications: microscopy, dye (for biology).

Absorption maximum λ
(in NaOH 0,01 mol/l) 575 - 580 nm
Absorptivity ($A1\%/1 \text{ cm}; \lambda \text{ max.}$) 600 - 800

ART. NO.	VOLUME	CONTAINER
OR00200005	5 g	0
OR00200025	25 g	0