



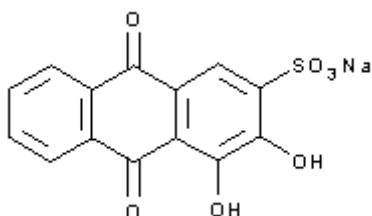
PRODUCT CODE: 121605

Alizarin Red S (C.I. 58005) for analysis

pH and adsorption indicator 3,7 yellow; 5,2 purple red

$C_{14}H_7NaO_7S$

$C_{14}H_7NaO_7S$



M.= 342,26

CAS [130-22-3]

EINECS 204-981-8

TARIC 3204 12 00 90

SYNONYMS: Alizarinsulphonic Acid Sodium Salt, Mordant Red 3, Sodium Alizarinsulphonate

PHYSICAL DATA: powder, Orange-brown, Soluble in water 20 g/l at 20 °C Soluble in alcohol 1 g/l pH(5 g/l) 3,4 •

BIBLIOGRAPHY: Merck Index **12**, 8.714 13, 8.644 Conn's **IX** 432, 608 • Beilstein **11**, **355 IV**, **683** • BRN 4117090 •

HAZARDOUS: RTECS: CB 1095300 •

SPECIFICATIONS:

Identity :

Identity

λ of max. ABS in NaOH 0.1 mol/l

IR passes test

553 - 558 nm

T.L.C.

passes test

Maximum limit of impurities

pH transition interval:

yellow

3,7

red-purple

5,2

Insoluble matter in H₂O

passes test

Loss on drying at 135°C

5%

Sensitivity as Al reagent

passes test

Ed.: 3 . Vig.: 15.01.2011 .

Prod.: 121605