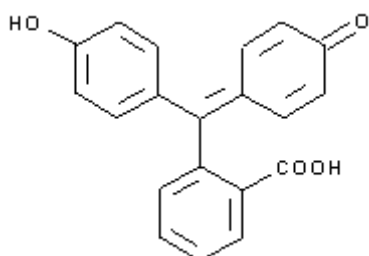


PRODUCT CODE: 131325

Phenolphthalein (Reag. USP, Ph. Eur.) for analysis, ACS

$C_{20}H_{14}O_4$

$C_{20}H_{14}O_4$



M.= 318,33

CAS [77-09-8]

EINECS 201-004-7

TARIC 2932 20 10 00

SYNONYMS: 3,3-bis-(4-Hydroxyphenyl)-1-(3H)-isoBenzofuranone, 3,3-bis-(4-Hydroxyphenyl)Phthalide

PHYSICAL DATA: Small crystals, White or slightly yellow, Insoluble in water D 1,299 • M.P.: 258 - 263 °C •

BIBLIOGRAPHY: Merck Index **12**, 7.392 13, 7.325 Sax **PDO750** • Römp **8**, **3130** • Conn's **IX** 307 • Beilstein **18**, **143 V**, **4/188** • BRN 284423 • ACS **XI** • BP.**2018** • Ph. Eur. **8.0** (2014) **9.0** (2017) •

HAZARDOUS: RTECS: SM 8380000 • LD L0 ipr rat 500 mg/kg



H: H350 • H361f • H341 •

P: P201 • P202 • P281 • P308+P313 • P405 • P501 •

OBSERVATIONS: Storage away from direct light. •

SPECIFICATIONS:

Minimum assay (HPLC.) 99,0%
Identity :
Identity IR passes test
A 1% , 1 cm, λ_{max} . >680

λ of max. ABS at pH 9.8 551 - 554 nm

Melting range 258-263°C
Range of Transition interval according to ACS passes test
T.L.C. passes test

Maximum limit of impurities

pH transition interval:

colourless 8,0

violet red 10,0

Insoluble matter in C₂H₅OH passes test

Loss on drying at 105°C 1,0%

Residue on ignition (as SO₄) 0,1 %

As 0,0002 %

Cu 0,0005 %

Fe 0,005 %

Ni 0,0005 %

Pb 0,0005 %

Ed.: 6 . Vig.: 14.05.2019 .

Prod.: 131325

DOMINIQUE DUTSCHER SAS