

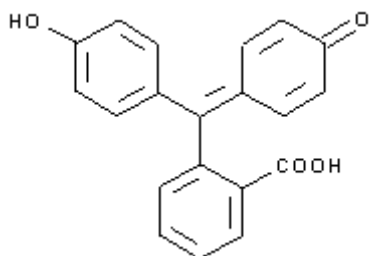


PRODUCT CODE: 131325

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

$C_{20}H_{14}O_4$

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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

$\lambda_{\text{of max. ABS}}$ at pH 9.8	551 - 554 nm
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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 C ₂ H ₅ OH	passes test
Loss on drying at 105°C	1,0%
Residue on ignition (as SO ₄)	0,1 %

As	0,0002	%
Cu	0,0005	%
Fe	0,005	%
Ni	0,0005	%
Pb	0,0005	%