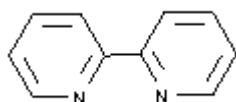




PRODUCT CODE: 132371

2,2'-Bipyridine (Reag. USP) for analysis, ISO

$C_{10}H_8N_2$
(C_5H_4N)₂



M.= 156,19

CAS [366-18-7]

EINECS 206-674-4

TARIC 2933 39 99 90

SYNONYMS: 2,2'-Dipyridine, 2,2'-Dipyridyl, a -a'-Bipyridine, a -a'-Dipyridyl

PHYSICAL DATA: crystals, White, Soluble in water 5 g/l at 20 °C M.P.: 72 °C • B.P.: 273 °C • pH(5 g/l)7,5 •

BIBLIOGRAPHY: Merck Index **12**, 3.411 13, 3.382 Sax **BGO500** • Safety **2**, **1472 C** • Römp **8**, **448** • Beilstein **23**, **199 II**, **211 III**, **IV**, **1362 V**, **16** • BRN 113089 • ISO 6353/3-1987 R - 49, 87 •

HAZARDOUS: RTECS: DW 17500000 • LD50 oral rat 100 mg/kg • LD50 ipr mus 200 mg/kg



H: H312 • H302 •

P: P264 • P270 • P301+P312 • P302+P352 • P312 • P501 • P322 • P330 • P363 •

TRANSPORT REGULATIONS: UN: 2811 • ADR: 6.1/III • IMDG: 6.1/III • IATA: 6.1/III • PAX: 670 • CAO: 677 • (E) •

SPECIFICATIONS:

Minimum assay (Perchl. Ac.)
Identity :

99,5%

Identity
Melting range

IR passes test
69,0-72,0°C

Maximum limit of impurities

Insoluble matter in HCl
Residue on ignition (as SO₄)
Sensitivity to Fe

passes test
0,1 %
passes test

Cu
Fe
Ni
Pb

0,001 %
0,001 %
0,001 %
0,001 %

Ed.: 3 . Vig.: 15.01.2011 .

Prod.: 132371