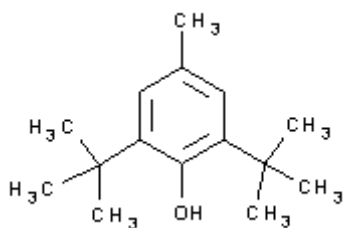




PRODUCT CODE: Z42825

Butylhydroxytoluene (BP, Ph. Eur.) pure, pharma grade

$C_{15}H_{24}O$



M.= 220,35 CAS [128-37-0] EINECS 204-881-4

TARIC 2907 19 90 90

SYNONYMS: 2,6-Di-tert-Butyl-p-Cresol, 3,5-Di-tert-Butyl-4-Hydroxytoluene, BHT, DBPC, Ionol

PHYSICAL DATA: Small crystals, White, Insoluble in water. Soluble in alcohol and acetone. D 1,048 · M.P.: 70 C · B.P.: 265 C · Flash P.:127 C · Ign. T.:345 C · Vap. press. (141 C) 19 hPa ·

BIBLIOGRAPHY: Merck Index **12**, 1.583 13, 1.547 Sax **BFW**750 · Safety **2** , **1101 C** · Ullmann (**4.**)18 , 207 · Beilstein **6** , **III** , **2073 IV** , **3511** · BRN 1870662 · BP.**2020** · USP -**NF 37** · Ph. Eur. **9.0** (2017) **10.0** (2020) · F.C.C **11 12** · BOE **243**(8-10-2009) · Regulation (EU) n 231/2012 ·

HAZARDOUS:RTECS: GO 7875000 · LD L0 oral rbt 2.100 mg/kg · LD50 oral rat 890 mg/kg · LD50 ipr mus 138 mg/kg



H: H410 ·
P: P273 · P391 · P501 ·

TRANSPORT REGULATIONS: UN: 3077 · ADR: 9/III· IMDG: 9/III · IATA: 9/III · PAX: 956 · CAO: 956 · (-) ·

SPECIFICATIONS:

Minimum assay (as C ₁₅ H ₂₄ O)	99,0%
Identity :	
Identity according to Pharmacopoeias:	passes test
Range of Freezing	69 - 70C

Maximum limit of impurities

Appearance of solution	passes test
Insoluble matter in CH ₃ OH	passes test
Residue on ignition (as SO ₄)	0,002 %
Related substances	passes test
Residual solvents (Ph.Eur.)	passes test

Elemental impurities (ICH Q3D):

Class 1

Cd	0,5 ppm
Pb	5 ppm
As	1,5 ppm
Hg	1,5 ppm

Class 2A

Co	5 ppm
V	10 ppm
Ni	5 ppm

Class 2B

Tl	5 ppm
Au	10 ppm
Pd	10 ppm
Ir	10 ppm
Os	10 ppm
Rh	10 ppm
Ru	10 ppm
Se	15 ppm
Ag	15 ppm
Pt	10 ppm

Class 3

Li	55 ppm
Sb	120 ppm
Ba	140 ppm
Mo	25 ppm
Cu	250 ppm
Sn	600 ppm
Cr	25 ppm