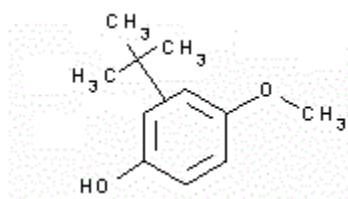


PRODUCT CODE: 144233

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

C₁₁H₁₆O₂



M.= 180,25

CAS [25013-16-5]

EINECS 246-563-8

TARIC 2909 50 00 10

SYNONYMS: 2 (3)-tert-Butyl-4-Hydroxyanisol, BHA, 2(3)-tert-Butyl-4-Methoxyphenol

PHYSICAL DATA: Insoluble in water M.P.: 50 °C • B.P.: 236 °C • Flash P.:130 °C • Waxy aspect, white colour or slightly yellow-pink. Could form lumps easily.

BIBLIOGRAPHY: Merck Index **13**, 1.546 14, 1.547 Sax **BRN000** • Beilstein **6**, **IV**, **6013** • BRN 1867499 • BP.**2025** • USP **43** • Ph. Eur. **10.0** (2019) **11.0** (2023) • F.C.C **12 13** • Royal Decree I549 • BOE **243**(8-10-2009) • Regulation (EU) n° 231/2012 •

HAZARDOUS: RTECS: SK 1575000 • LD50 oral rat 2.000 mg/kg •



H: H318 • H411 •

P: P305+P351+P338 • P280 • P273 •

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

OBSERVATIONS: Storage away from direct light. •

SPECIFICATIONS:

Identity :

Identity according to Pharmacopoeias:

passes test

Maximum limit of impurities

Appearance of solution	passes test
Insoluble matter in C ₂ H ₆ O	passes test
Residue on ignition (as SO ₄)	0,01 %
Related substances (T.L.C.)	
3-tert-Butyl-4-Methoxyphenol	10 %
Hydroquinone	0,2 %
Any other impurity	0,5 %
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	20 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