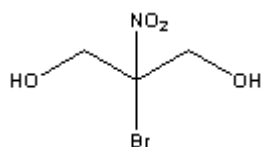
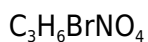
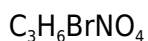




PRODUCT CODE: 144747

2-Bromo-2-Nitro-1,3-Propanediol (BP) pure, pharma grade



M.= 199,99

CAS [52-51-7]

EINECS 200-143-0

TARIC 2905 59 98 90

SYNONYMS: Bronopol

PHYSICAL DATA: crystalline powder, White, Soluble in water. M.P.: 128 - 132 °C •

BIBLIOGRAPHY: Merck Index **12**, 1.470 13, 1.432 Safety **2** , **558 B** • Beilstein **1** , **476 IV** , **2501** • BRN 1705868 • BP.2018 •

HAZARDOUS: C.E: 603-085-00-8 • RTECS: TY 3385000 • LD50 oral rat 307 mg/kg • LD50 skn rat 1.600 mg/kg • LD50 ipr mus 15,5 mg/kg



H: H312 • H302 • H335 • H315 • H318 • H400 •

P: P261 • P264 • P270 • P271 • P273 • P280 • P301+P312 • P302+P352 • P304+P340 • P305+P351+P338 • P310 • P312 • P321 • P322 • P330 • P332+P313 • P362 • P363 • P391 • P403+P233 • P405 • P501 •

TRANSPORT REGULATIONS: UN: 3241 • ADR: 4.1/III • IMDG: 4.1/III • IATA: 4.1/III • PAX: 457 • CAO: 453 • (D) •

SPECIFICATIONS:

Assay (C ₃ H ₆ BrNO ₄) calc. a.d.s.	99,0-101,0 %
Identity :	
Identity according to Pharmacopoeias:	passes test
pH sol. 1%	5,0-7,0

Maximum limit of impurities

Insoluble matter in H ₂ O	0,01 %
Residue on ignition (as SO ₄)	0,1 %
Related substances	
2-Methyl-2-Nitropropane-1,3-diol	0,5 %
Tris (hydroxymethyl) nitromethane	0,5 %
Any other secondary impurity	0,1 %
Water (H ₂ O)	0,5 %

Cu	0,001	%
Fe	0,001	%
Ni	0,001	%
Pb	0,001	%

Residual metals (according to EMEA/CHMP/SWP/4446/2000): No metal catalysts are used in the manufacturing process.

Ed.: 5 . Vig.: 16.02.2015 .

Prod.: 144747