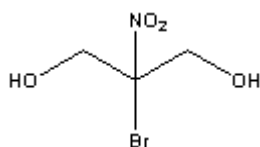


PRODUCT CODE: 144747

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

$C_3H_6BrNO_4$

$C_3H_6BrNO_4$



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.2021 •

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 • H301 • H335 • H315 • H318 • H400 • H411 •

P: P261 • P301+P310 • P321 • P330 • P305+P351+P338 • P362 • 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 ($C_3H_6BrNO_4$) 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.