



CERTIFICATE OF ANALYSIS

20 Martin Ross Avenue, North York, ON, M3J 2K8, CANADA
Tel: (416) 665-9696, Fax: (416) 665-4439
Email: orders.trc@lgcgroup.com Website: www.trc-canada.com

1. Identification

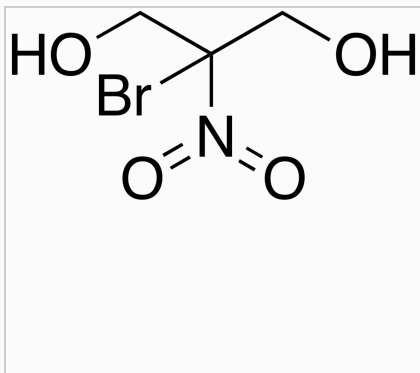
Catalogue Number: B809903

CAS Number: 52-51-7

Product: Bronopol

Synonym: 2-Bromo-2-nitro-1,3-propanediol; 2-Bromo-2-nitropropan-1,3-diol; 2-Bromo-2-nitropropane-1,3-diol; 2-Nitro-2-bromo-1,3-propanediol; Acticide L 30; BE 6; BE 6 (bactericide); BNPD; BNPK; Bactrinashak; Bactrinol 100; Bactronol; Bioban; Bioban BP Plus; Bronidiol; Bronocot; Bronotak; Busan 1144; Canguard 409;

Structure:



Molecular Formula:

C₃H₆BrNO₄

Molecular weight:

199.99

Source of Product:

N/A

Solubility:

DMSO (Sparingly), Ethanol (Slightly), Methanol (Slightly)

Lot Number: 21-SBL-150-1

Purity: 98%

Shipping Condition: This Product Is Stable To Be Shipped At Room Temperature

Storage Condition: -20°C

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Elemental Analysis	Conforms	%C: 18.04, %H: 2.81, %N: 7.16
FT-IR	Conforms to Structure	Conforms
HPLC Purity	Report Result	99.27% (ELSD)
NMR	Conforms to Structure	Conforms
C NMR	Conforms to Structure	Conforms
Appearance	White to Off-White Solid	White to Off-White Solid

Additional Information: N/A

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of ± 2%. Isotopic purity is based on mass distribution observed. The contents of the specifications are subject to change without advance notice, and the specification values displayed here are the most up to date values.

4. Signatures

Reviewed By	Reviewed By	C of A Approved By	Test Date	Retest Date
Nicole Yip	Toni Rantanen	Chanell Chu	3/21/2022	3/19/2026

