



CERTIFICATE OF ANALYSIS

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1. Identification

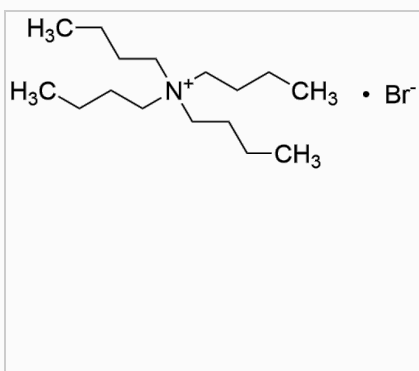
Catalogue Number: T291315

CAS Number: 1643-19-2

Product: Tetrabutylammonium Bromide

Synonym: N,N,N-Tributyl-1-butanaminium Bromide; Tetrabutylammonium Bromide; AP 6G; Actiron 43-65; Aliquat 100; Mastermix MB 4988; TBAB; Tetra-n-butylammonium Bromide

Structure:



Molecular Formula:

C₁₆H₃₆BrN

Molecular weight:

322.37

Source of Product:

N/A

Solubility:

Chloroform (Slightly), DMSO (Sparingly)

Lot Number: 2023-QIU-316

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:
Appearance	White to Off-White Solid	Off-White Solid
NMR	Conforms to Structure	Conforms
C NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 59.35, %H: 11.13, %N: 4.37
HPLC Purity	Report Result	98.57% (ELSD)
MS	Conforms to Structure	Conforms
Bromide Content	Report Result	26.2%

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 $\pm 2\%$. 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
Sarbjeet Kaur	Toni Rantanen	Chanell Chu	8/28/2023	8/26/2027