Certificate of Analysis

Tetrabutylammonium (tetrafluoroborate)

Cat. No.: HY-34717 CAS No.: 429-42-5 Batch No.: 273218

Chemical Name: 1-Butanaminium, N,N,N-tributyl-, tetrafluoroborate(1-) (1:1)

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{16}H_{36}BF_4N$ Molecular Weight: 329.27

Storage: -20°C, sealed storage, away from moisture

* In solvent: -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)

Chemical Structure:

ANALYTICAL DATA

Appearance: White to off-white (Solid)

Purity: ≥99.0% Water(KF): 0.32% Ash content: 0.065% Heavy metal: 0.0007% Residue on Ignition: 0.06%

Conclusion: The product has been tested and complies with the given specifications.

Caution: Product has not been fully validated for medical applications. For research use only.

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