

# CERTIFICATE OF ANALYSIS

(Certificate No. KMM001453-01)

Release Date: 16/04/2025

Re-test Date: 15/04/2028

## TETRA BUTYL AMMONIUM FLUORIDE TRIHYDRATE

### Identification

**Chemical Name :**

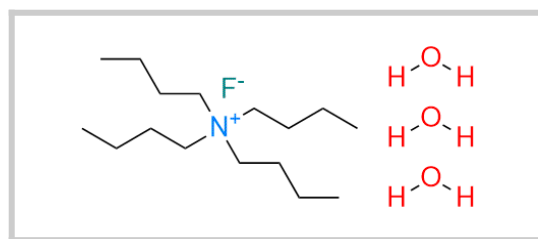
tetrabutylammonium fluoride trihydrate

CAT No. : KMM001453

CAS No. : 87749-50-6

Molecular Formula : C<sub>16</sub>H<sub>36</sub>FN : H<sub>6</sub>O<sub>3</sub>

Molecular Weight : 261.46 : 54.05



### Analytical Information

Batch No. : M001453-091-333

Description : White Crystalline Solid

Assay By Titration : 95.00 %

Weight Loss By KF : 6.52 %

% Potency : 88.81 %

Solubility : Acetonitrile

Mass : Confirm

IR : Confirm

<sup>1</sup>H NMR : Confirm

### Additional Information

Long Term Storage : Store at 2-8 deg. C for long term storage

Shipping Condition : Product is stable to be Shipped at Room Temperature

% Potency = [100 - 6.52(Weight Loss By KF)] x [95.00(Assay By Titration)]/100 = 88.81 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Parag Patel		21/04/2025
Reviewed & Approved By	Quality Control	Jatin Patel		21/04/2025

Attachments : COA, MASS, <sup>1</sup>HNMR, IR and KF