

# **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 :**

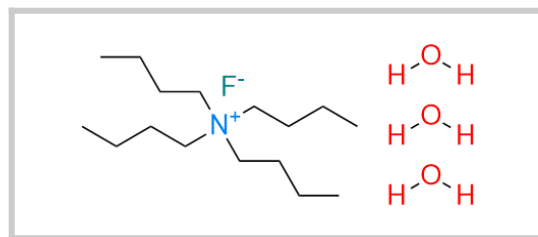
tetrabutylammonium fluoride trihydrate

**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