

TECHNICAL DATA SHEET

TFA (Trifluoroacetic Acid) HPLC Grade | CAS 76-05-1

1. Product Identification

Product Name	TFA (Trifluoroacetic Acid) HPLC Grade
CAS Number	76-05-1
Synonyms	TFA HPLC, Perfluoroacetic acid, CF ₃ COOH, Trifluoroacetate
Category	Lab Reagent
Available Grades	HPLC Grade/LC-MS Grade
HSN Code	2915.90

2. Physical & Chemical Properties

Molecular Formula	C ₂ HF ₃ O ₂
Molecular Weight	114.02
Appearance	Refer to TDS
Density	1480 kg/m ³
Boiling Point	72.4°C
Melting Point	-15.4°C
Flash Point	None
Solubility	Miscible

3. Applications

• HPLC ion-pairing reagent • Peptide and protein HPLC • Reversed-phase HPLC • Protein purification

4. Industries Served

Pharma QC, Analytical, Biotech

5. Packing & Supply

Standard industrial packing. Bulk and customised packing available on request. Export supply with full documentation (COA, MSDS, COO, Packing List).

Values are typical and given in good faith as a guide to product characteristics; they do not constitute a specification or guarantee. Refer to the batch COA for certified values.