Chem-Impex International, Inc.

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Product Specifications

Catalogue Number	51278
Product	**Trifluoroacetic acid** TFA
CAS Number	76-05-1
Molecular Formula	$C_2HF_3O_2$
Molecular Weight	114.02

Appearance	Clear colorless liquid
Color (APHA)	≤ 20
Density	1.489 g/mL at 20 °C
Anion	Chloride (Cl^-): < 0.001% Fluoride (F^-): < 0.001% Sulphate (SO_4^{2-}): < 0.001%
Water Content (Karl Fisher)	≤ 0.05%
Infrared Spectrum	Conforms to reference
UV absorption	Neat vs. distilled water in 1 cm A260 nm: ≤ 0.90 AU A270 nm: ≤ 0.10 AU A280 nm: ≤ 0.05 AU A290 nm: ≤ 0.04 AU A300 nm: ≤ 0.03 AU A320 nm: ≤ 0.025 AU
Assay by titration	99.0 - 101.0%
Purity by GC	≥ 99.0%
Grade	HPLC Grade
Storage	Store at RT

For Laboratory Use Only