

CERTIFICATE OF ANALYSIS

(Certificate No. KML012006-01)

Release Date: 04/06/2025

Re-test Date: 03/06/2028

Leflunomide EP Impurity A

Identification

Chemical Name :

4-(Trifluoromethyl)aniline

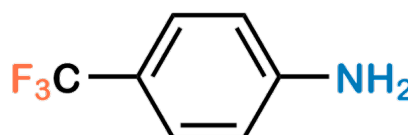
Alt. Name : Leflunomide USP Related Compound A

CAT No. : KML012006

CAS No. : 455-14-1

Molecular Formula : C₇H₆F₃N

Molecular Weight : 161.1



Analytical Information

Batch No. : LEF-EP-A-045-017

Description : Yellow Liquid

HPLC Purity : 99.79 %

Weight Loss By TGA : 2.27 %

% Potency : 97.52 %

Solubility : Acetonitrile

Mass : Confirm

IR : Confirm

¹H 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 - 2.27(Weight Loss By TGA)] x [99.79(HPLC Purity)]/100 = 97.52 %

-Re-tested on 04.06.2025

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		05/06/2025
Reviewed & Approved By	Quality Control	Jatin Patel		05/06/2025

Attachments : COA, HPLC, MASS, ¹HNMR, IR and TGA