CERTIFICATE OF ANALYSIS

(Certificate No. KML012006-01)

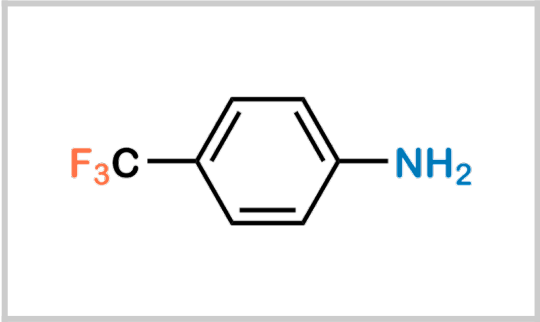
Release Date: 04/06/2025 **Re-test Date:** 03/06/2028

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	**Solubility**	: Acetonitrile
Description	: Yellow Liquid	**Mass**	: Confirm
HPLC Purity	: 99.79 %	**IR**	: Confirm
Weight Loss By TGA	: 2.27 %	**1H NMR**	: Confirm
% Potency	: 97.52 %		

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