CERTIFICATE OF ANALYSIS

(Certificate No. KMA060003-03)

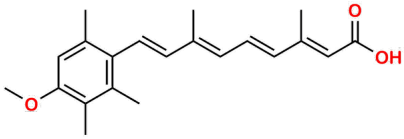
Release Date: 30/09/2026 **Re-test Date:** 29/09/2029

Acitretin

Identification

Chemical Name :
(2E,4E,6E,8E)-9-(4-Methoxy-2,3,6-trimethylphenyl)-3,7-dimethylnona-2,4,6,8-tetraenoic acid (as per EP); (all-E)-9-(4-Methoxy-2,3,6-trimethylphenyl)-3,7-dimethyl-2,4,6,8-nonatetraenoic acid (as per USP)

Alt. Name	: Acitretinoin ; Etretin ; Neotigason ; Soriatane ; TMMP ; all-trans-Acitretin
CAT No.	: KMA060003
CAS No.	: 55079-83-9
Molecular Formula	: C21H26O3
Molecular Weight	: 326.4



Analytical Information

Batch No.	: A060003-136-232	**Solubility**	: DMSO
Description	: Yellow Solid	**Mass**	: Confirm
HPLC Purity	: 99.80 %	**IR**	: Confirm
Weight Loss By TGA	: 0.87 %	**1H NMR**	: Confirm
% Potency	: 98.93 %	**13C 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 - 0.87(Weight Loss By TGA)] x [99.80(HPLC Purity)]/100 = 98.93 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		30/09/2026
Reviewed & Approved By	Quality Control	Jatin Patel		30/09/2026

Attachments : COA, HPLC, MASS, 1HNMR, 13CNMR, IR and TGA