

CERTIFICATE OF ANALYSIS

(Certificate No. KMA060003-01)

Release Date: 05/02/2026

Re-test Date: 04/02/2029

Acitretin USPRS

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)

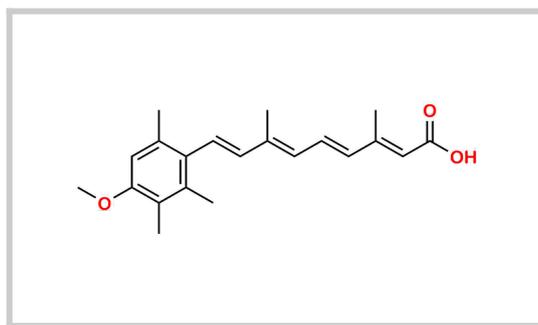
Alt. Name : Acitretinoin ; Etrein ; Neotigason ;
Soriatane ; TMMP ; all-trans-Acitretin

CAT No. : KMA060003

CAS No. : 55079-83-9

Molecular Formula : C₂₁H₂₆O₃

Molecular Weight : 326.4



Analytical Information

Batch No. : A060003-114-132

Solubility : ACN

Description : Yellow solid

Mass : Confirm

HPLC Purity : 99.58 %

IR : Confirm

Weight Loss By TGA : 0.22 %

¹H NMR : Confirm

% Potency : 99.36 %

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 - 0.22(Weight Loss By TGA)] x [99.58(HPLC Purity)]/100 = 99.36 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		09/02/2026
Reviewed & Approved By	Quality Control	Parag Vekariya		09/02/2026

Attachments : COA, HPLC, MASS, ¹H NMR, ¹³C NMR, IR and TGA