CERTIFICATE OF ANALYSIS

(Certificate No. KMF019038-01)

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

Ethyl 2-(3-Formyl-4-hydroxyphenyl)-4-methylthiazole-5-carboxylate

Identification

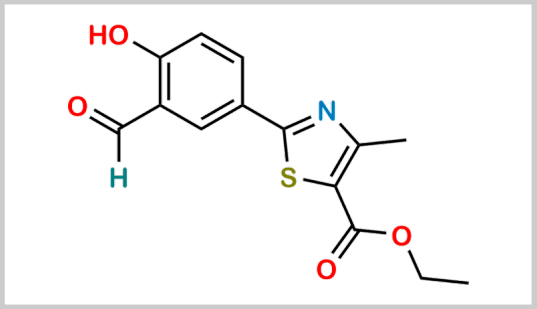
Chemical Name :
Ethyl 2-(3-formyl-4-hydroxyphenyl)-4-methylthiazole-5-carboxylate

CAT No. : KMF019038

CAS No. : 161798-01-2

Molecular Formula : C14H13NO4S

Molecular Weight : 291.3



Analytical Information

Batch No.	: F019038-091-239	**Solubility**	: Acetonitrile
Description	: Light Brown Solid	**Mass**	: Confirm
HPLC Purity	: 97.47 %	**IR**	: Confirm
Weight Loss By TGA	: 0.91 %	**1H NMR**	: Confirm
% Potency	: 96.58 %		

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 - 0.91(Weight Loss By TGA)] x [97.47(HPLC Purity)]/100 = 96.58 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		04/03/2025
Reviewed & Approved By	Quality Control	Jatin Patel		04/03/2025

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