

CERTIFICATE OF ANALYSIS

(Certificate No. KMF005005-)

Release Date:

Re-test Date:

Febuxostat Formyl Impurity

Identification

Chemical Name :

2-(3-formyl-4-isobutoxyphenyl)-4-methylthiazole-5-carboxylic acid

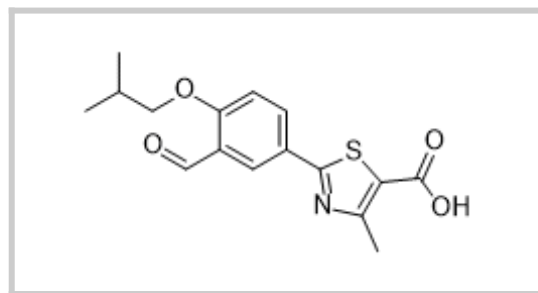
Alt. Name : 3-Descyano-3-formyl Febuxostat

CAT No. : KMF005005

CAS No. : 144060-62-8

Molecular Formula : C₁₆H₁₇NO₄S

Molecular Weight : 319.38



Analytical Information

Batch No. : F005005-091

Description : Not Available

HPLC Purity : NLT 95.5 %

Weight Loss By TGA : NLT 0.1 %

% Potency : 95.4 %

Solubility : Acetonitrile :
Water (1:1)

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 - 0.1(Weight Loss By TGA)] x [95.5(HPLC Purity)]/100 = 95.4 %

	Department	Name	Signature	Date
Prepared By	Analytical			
Reviewed & Approved By	Quality Control			