CERTIFICATE OF ANALYSIS

(Certificate No. KMF005005-)

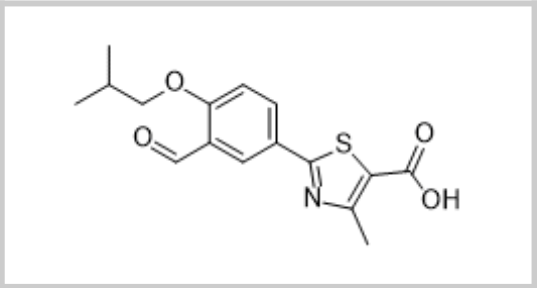
Release Date: **Re-test Date:**

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			