

Analysis Date: 05-01-2026

Re-test Date: 05-01-2029

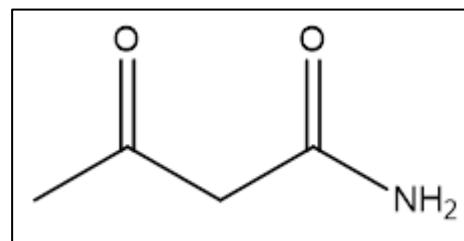
ACESULFAME POTASSIUM EP IMPURITY A

Identification

Chemical Name : 3-Oxobutanamide (as per EP)

CAT No : ALL-A07704

CAS No : 5977-14-0

Molecular Formula : C4H7NO2

Molecular Weight : 101.1

Analytical Information

Batch No.	: ALL-A07704	HPLC Purity	: 98.00 %
Solubility	: USP Diluent / EP Diluent (MEOH)	Potency	: 97.53%
Appearance of Product	: Off White Solid	Mass	: Confirm
Long Term Storage	: 2-8°C	IR Analysis	: Confirm
Weight Loss By TGA	: 0.105%	1HNMR	: Confirm
Residue Of Ignition	: 0.366%		

Additional Information

%Potency = [100 -(Weight Loss By TGA % + Residue Of Ignition %) × Chromatographic Purity%]/100 = N.A

[100 – (0.105+0.366) × 98.00]/100 = 97.53%

Recommendation : Released

Department	Name	Signature
Prepared and Reviewed by	Analytical Mr. Vipul khadase Jr. Executive	
Approved By	QA&QC Dr. Ashish Keche Director QA&QC	

Attachment : HPLC, Mass, 1H NMR, IR

Shipping Condition : All Product are stable to be shipped at room temperature, unless otherwise specified

Corporate Office

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