

Analysis Date: 05-01-2026

Re-test Date: 05-01-2029

ACESULFAME POTASSIUM EP IMPURITY A

Identification

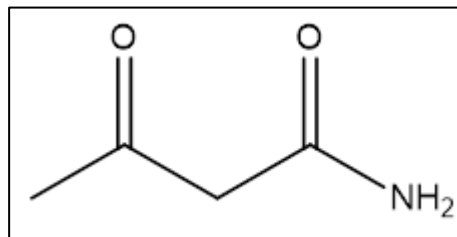
Chemical Name : 3-Oxobutanamide (as per EP)

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%	¹ H NMR	: Confirm
Residue Of Ignition	: 0.366%		

Additional Information

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

$$[100 - (0.105 + 0.366) \times 98.00]/100 = 97.53\%$$

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

Allmpus Laboratories Pvt Ltd 38, Solitaire Industrial Estate, Plot No.TS-1, Near Nandi Palace Hotel, MIDC-Phase 1, Dombivli (E), Mumbai, Maharashtra 421203