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CERTIFICATE OF ANALYSIS

Analysis Date: Oct 2024

Re-test Date: Sep 2027

Product Name: Acesulfame EP Impurity A

Identification:

Chemical Name: 3-Oxobutanamide (as per EP)

Synonyms : Acetoacetamide (EP) ; α -
Acetylacetamide ; Acesulfame
Potassium EP Impurity A

CAS Number : 5977-14-0

CAT Number : CP-A167001

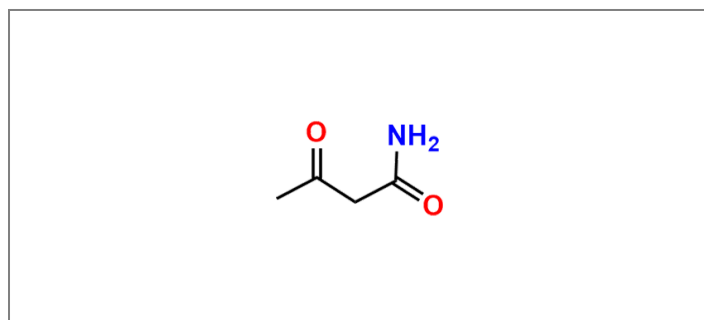
Molecular Formula : C₄H₇NO₂

Molecular Weight : 101.11

Batch Number : CP-ACE-A-1024

Storage Condition : Tightly closed, Inert atmosphere at 2 to 8° C

Shipping condition : All Products are stable to be shipped at room temperature, if specific condition required it is
mention in the COA



Analytical Information:


Sr. No.	Test	Result
1)	Description	White to Off White Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By GC	99.47%
5)	¹ HNMR	Confirm to structure
6)	IR	Confirm to Structure
7)	Weight loss by TGA	1.732%
8)	Potency by TGA	97.73%



Prepared and Reviewed By


Mr. Shubham Bondre
(Quality Control)

Approved By


Mr. Abhijit Kale
(Quality Assurance)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.