

CEFA-CILINAS BIOTICS PVT LTD

PLOT NO. W-8, CHIKALTHANA MIDC, AURANGABAD -431001, MH INDIA.

18.01.2024

CERTIFICATE OF ANALYSIS

Product Name	2-Chloro Acetophenone		
CAS No.	2142-68-9	HS Code	29147090
Batch No.	CEFA-2CACPH-20240001		

Sr No	Item	Specifications	Results
1	Appearance Colour	Colourless to Brown colour liquid	Complies
2	Identification		
A	Infrared absorption	The infrared absorption spectrum of the sample shall be concordant with that of 2-Chloro Acetophenone standard spectrum.	Complies
B	By GC	The retention time of the major peak of the sample solution corresponds to that of the system suitability solution, as obtained in the related substances by GC	Complies
3	Water Content by KF	NMT 1.0% W/V	0.08%
4	Related Substances by GC		
A	Purity by GC	NLT 98.00%	99.14%
B	Malonate impurity	NMT 0.20%	0.06%
C	Des Chloro impurity	NMT 0.20%	0.03%
D	3-Chloro impurity	NMT 0.20%	Not Detected
E	4-Chloro impurity	NMT 0.25%	0.11%
F	Highest individual unspecified impurity	NMT 0.50%	0.39%
G	Total impurities	NMT 2.0%	0.85%


Mr Sharad R Ahire
Dept of Quality Control (QC)

