

CERTIFICATE OF ANALYSIS

PRODUCT NAME : ACETONE (N-HEXANE FREE)

CAS No	: 67-64-1	Product code	: 21050
Mol. Formula	: (CH ₃) ₂ CO	Batch No	: MCM-7081
Mol. WT	: 58.08	Mfd.	: Feb. 2025
Date of analysis	: 18/02/25	Exp.	: Jan. 2030

S.R	Test	Specification	Observation
1	Description	A clear, colourless, volatile liquid, with a characteristic odour.	A clear, colourless, volatile liquid, with a characteristic odour.
2	Identification A	An intensive red colour is produced which becomes violet with the addition of 3.5 ml of acetic acid.	Complies
3	Identification B	A greenish – blue colour is produced.	Complies
4	Miscibility	Miscible with water, with alcohol, with ether and with chloroform.	Complies
5	Water (By Karl Fischer)	NMT 0.50 % w/v	0.24% w/v
6	Related substances By Gas Chromatography		
	n-Hexane	Not detected	Not detected
	Total impurities	Not more than 1.0 %	0.02%
8	Assay(By GC)	NLT 99.0%	99.73%

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]



**CHEMIST
(Sayli)**



[QC Incharge]



**HEAD-QUALITY ASSURANCE
(G.G.Salian)**

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