

Name: 6-Chloro 2-Hexanone

CAS No.: 10226-30-9



LAVENDER LABORATORIES PVT. LTD.

CERTIFICATE OF ANALYSIS

Product: 6-CHLORO 2-HEXANONE		A.R. No: LLIM2209012	
Batch No: LL21037/B/22001		Mfg. Date: 26.09.2022	
Date of Report: 03.10.2022		Batch Size : 93.100 Kg	
		Dispatch Qty.: 0.500 Kg	
Sr. No.	Test	Specification	Result
1.	Description	A clear, pale yellow liquid with characteristic odour.	A clear, pale yellow liquid with characteristics odour.
2.	Identification by GC	The retention time of sample chromatogram should be same as the retention time of standard chromatogram obtained from the purity by GC.	Meets the requirement
3.	Moisture content by KF (%w/w)	Not more than 0.35	0.22
4.	Specific gravity @ 25 °C	1.02 to 1.03	1.023
5.	Chromatographic Purity by GC (%Area)		
	i) Purity by GC	Not less than 99.0	99.7
	ii) 1-Bromo-3-Chloropropane	Not more than 0.05	Not detected
	iii) Any individual impurity	Not more than 0.3	0.12
	iv) Total impurities	Not more than 1.0	0.31

This material complies / ~~does not comply~~ with the standards as per the specification.

Prepared by:

Checked by:

Approved by:

Date:

Date:

Date:



LAVENDER LABORATORIES PVT. LTD.

CERTIFICATE OF ANALYSIS

Product: 6-CHLORO 2-HEXANONE		A.R. No: LLIM2209013	
Batch No: LL21037/B/22002		Mfg. Date: 28.09.2022	
Date of Report: 03.10.2022		Batch Size : 93.100 Kg	
		Retest Date: 02.04.2023	
		Dispatch Qty.: 0.500 Kg	
Sr. No.	Test	Specification	Result
1.	Description	A clear, pale yellow liquid with characteristic odour.	A clear, pale yellow liquid with characteristics odour.
2.	Identification by GC	The retention time of sample chromatogram should be same as the retention time of standard chromatogram obtained from the purity by GC.	Meets the requirement
3.	Moisture content by KF (%w/w)	Not more than 0.35	0.22
4.	Specific gravity @ 25 °C	1.02 to 1.03	1.026
5.	Chromatographic Purity by GC (%Area)		
	i) Purity by GC	Not less than 99.0	99.5
	ii) 1-Bromo-3-Chloropropane	Not more than 0.05	Not detected
	iii) Any individual impurity	Not more than 0.3	0.15
	iv) Total impurities	Not more than 1.0	0.50

This material complies / ~~does not comply~~ with the standards as per the specification.

Prepared by: *Blue*
Date: 07.10.2022

Checked by: *DD*
Date: 07.10.2022

Approved by: *Paipana*
Date: 07.10.2022



LAVENDER LABORATORIES PVT. LTD.

CERTIFICATE OF ANALYSIS

Product: 6-CHLORO 2-HEXANONE		A.R. No: LLIM2209014	
Batch No: LL21037/B/22003		Mfg. Date: 30.09.2022	
Date of Report: 03.10.2022		Batch Size : 89.230 Kg	
		Retest Date: 02.04.2023	
		Dispatch Qty.: 0.500 Kg	
Sr. No.	Test	Specification	Result
1.	Description	A clear, pale yellow liquid with characteristic odour.	A clear, pale yellow liquid with characteristics odour.
2.	Identification by GC	The retention time of sample chromatogram should be same as the retention time of standard chromatogram obtained from the purity by GC.	Meets the requirement
3.	Moisture content by KF (%w/w)	Not more than 0.35	0.22
4.	Specific gravity @ 25 °C	1.02 to 1.03	1.022
5.	Chromatographic Purity by GC (%Area)		
	i) Purity by GC	Not less than 99.0	99.8
	ii) 1-Bromo-3-Chloropropane	Not more than 0.05	Not detected
	iii) Any individual impurity	Not more than 0.3	0.10
	iv) Total impurities	Not more than 1.0	0.22

This material complies / ~~does not comply~~ with the standards as per the specification.

Prepared by: *[Signature]*
Date: 07.10.2022

Checked by: *[Signature]*
Date: 07.10.2022

Approved by: *[Signature]*
Date: 07.10.2022