

CERTIFICATE OF ANALYSIS

QUALITY CONTROL LABORATORY of SDFCL Mfg. Unit No.2
 Survey No.299, Poicha(R), -391780, Taluka : Savli, District : Vadodara , Gujarat
 NABL ACCREDITED TC-6881 ISO/IEC 17025 : 2017 For Chemical Testing

ULR No: TC688121000000066P

1. Discipline: Chemical Testing

I. Group: Chemical

Name of Product	FORMALDEHYDE SOLUTION 37- 41% W/V AR		
Batch No.:	F21A/1419/0805/31	Product Code	20113
Mfg. Date:	JUNE.-2021	Reassessment Date:	MAY.-2023
Specification Ref.:	20113SP03	Lab ID :	RM/1920/05041
CASR No.:	50-00-0	Certificate No.:	R- 080519/14
Molecular Formula:	CH₂O	Molecular Weight:	30.03

TEST	SPECIFICATIONS	RESULTS	TEST METHOD REF.
*Description	A clear and colourless solution of formaldehyde in water. contains methanol(9-15%) as stabilizer.	Complies	Ph Eur 6.0 th edition
*Solubility	Miscible with water & with absolute industrial methylated spirit forming a clear, colourless solution.	Complies	Ph Eur 6.0 th edition
*Appearance of Solution	Passes test	Complies	BP 2004
*Identification	Passes test A,B	Complies	USP 26 NF-21
Assay(acidimetric)	37.0 - 41.0% w/v	37.49% w/v	USP 41,NF-36,2018
*Wt.per ml at 20°C	1.075 - 1.095 g	1.081 g	Ph Eur 6.0 th edition
*Methanol Content (Stabilizer)	10.0 - 15.0% v/v	11.0% v/v	BP 2004
MAXIMUM LIMITS OF IMPURITIES:			
*Acidity (HCOOH)	0.05%	0.0092%	ACS 10 th edition
*Residues after ignition (as SO ₄)	0.005%	0.0032%	ACS 10 th edition
*Chloride (Cl)	0.0005%	0.00034%	ACS 10 th edition
*Sulphate (SO ₄)	0.002%	0.0013%	Analar 6 th edition
*Iron (Fe)	0.0005%	0.0003%	Analar 6 th edition
*Heavy metal (Pb)	0.0005%	NIL	Analar 6 th edition
*Residual solvents	Complies	Complies	In house development

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(This is a computer printed report hence valid without signature)



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“The tests marked with an * are not accredited by NABL (ISO/IEC 17025:2017)”.

THE ABOVE BATCH MATERIAL COMPLIES WITH THE PRESCRIBED QUALITY STANDARD AS ABOVE.
Measured values given in this Certificate of Analysis are the results determined at the time of Analysis.
The above data do not relieve the user from analyzing the product upon receipt. Any legally binding assurance regarding the suitability of the product for any particular purpose or use cannot be derived thereof.

The results relate only to the sample tested.

This certificate shall not be reproduced except in full, without written consent of the Lab management.

This product is manufactured at our manufacturing unit no.2

Sampling SOP No. : SDFCL-POI-SOP-001
Sampling Plan : A (Sq. root of N+1)
Spl.Ref. (if any) : -

For S D FINE-CHEM LIMITED
(Authorized Signatory)

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