

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: TC688120000000223P

1. Discipline: Chemical Testing

I. Group: Chemical

Name of Product	HYDROCHLORIC ACID 35 - 38% (1.18) AR (meet Analytical specification of BP, Ph.Eur)		
Batch No.:	L20A/0220/1012/31	Product Code	20125
Mfg. Date:	DEC.-2020	Reassessment Date:	NOV.-2025
Specification Ref.:	20125SP03	Lab ID :	RM/2021/12016
CASR No.:	7647-01-0	Certificate No.:	R- 101220/02
Molecular Formula:	HCl	Molecular Weight:	36.46

TEST	SPECIFICATIONS	RESULTS	TEST METHOD REF.
*Description	A clear liquid not more than 10 Hazen units in colour.	Complies	Ph Eur 6.0 th edition
*Appearance of solution	Miscible with water forming clear solution.	Complies	Ph Eur 6.0 th edition
Assay	35.0 - 38.0%	35.76%	USP 41, NF 36, 2018
*Identification test	Passes test	Complies	Ph Eur 6.0 th edition
*Relative density	Abt. 1.18	1.182 g	Ph Eur 6.0 th edition
MAXIMUM LIMITS OF IMPURITIES :			
*Non volatile matter	0.001%	0.0005%	ACS 10 th edition
*Free chlorine (Cl)	0.0002%	<0.0002%	In house development
*Sulphate (SO ₄)	0.0005%	0.00040%	IP 1996
*Sulphite (SO ₃)	0.0001%	0.000043%	In house development
*Aluminium (Al)	0.00005%	<0.00005%	In house development
*Ammonium (NH ₄)	0.0003%	0.00018%	In house development
*Arsenic (As)	0.000002%	NIL	In house development
*Copper (Cu)	0.00001%	0.000005%	Vogel's fifth edition Quantitative chemical Analysis
*Iron (Fe)	0.00004%	0.00002%	Vogel's fifth edition Quantitative chemical Analysis
*Heavy metals as (Pb)	0.00005%	NIL	ACS 2000

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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)

.....END OF REPORT.....

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