

CERTIFICATE OF ANALYSIS

QUALITY CONTROL LABORATORY

of SDFCL Mfg.Unit No.2

Survey No.299,Poicha(R),-391 780, Taluka : Savli, District : Vadodara , Gujarat
 NABL ACCREDITED T-3669 ISO/IEC 17025 : 2005 For Chemical (Fine Chemical)

LAB ID.	: RM/1920/09031	CERTIFICATE NO.	: 090919/41
NAME OF PRODUCT:	AMMONIA SOL. ABT. -25% (SP.GR. 0.91) UR “ UNIVERSAL REAGENT” Passes EXTRAPURE & AR		
BATCH NO.	: J19A/4119/0909/32	PRODUCT CODE	: 37140UR
MFG. DATE	: OCT.-2019	SPECIFICATION REF.:	: 37140URSP00
		REASSESSMENT DATE:	: SEPT.-2021

CASR NO. (1336-21-6)

NH₃

M. W. : 17.03

TEST	SPECIFICATIONS	RESULTS	TEST METHOD REF.
*Description	A clear and colourless liquid with a pungent odour.	Complies	Ph Eur 6.0 th edition
*Solubility	Miscible with water.	Complies	Ph Eur 6.0 th edition
*Minimum Assay (NH ₃)	25.0%	25.67%	In house development
*Wt.per ml at 20°c	About 0.91 g	0.914 g	Ph Eur 6.0 th edition
MAXIMUM LIMITS OF IMPURITIES:			
*Residue on ignition(asSO ₄)	0.002%	0.0012%	ACS 10 th edition
*Pyridine & homologues	0.0002%	0.00012%	In house development
*Carbonate (CO ₃) (C ₅ H ₅ N)	0.002%	0.001%	In house development
*Chloride (Cl)	0.00005%	<0.00005%	ACS 10 th edition
*Phosphate (PO ₄)	0.00005%	0.00002%	In house development
*Sulphate (SO ₄)	0.0002%	0.00010%	ACS 10 th edition
*Sulphide (S)	0.00001%	<0.00001%	In house development
*Aluminium (Al)	0.00002%	<0.00002%	ACS 10 th edition
*Barium (Ba)	0.00001%	<0.00001%	ACS 10 th edition
*Cadmium (Cd)	0.00001%	<0.00001%	ACS 10 th edition
*Chromium (Cr)	0.000002%	<0.000002%	ACS 10 th edition
*Calcium (Ca)	0.0001%	<0.0001%	ACS 10 th edition
*Magnesium (Mg)	0.00001%	<0.00001%	ACS 10 th edition
*Cobalt (Co)	0.000002%	<0.000002%	ACS 10 th edition
*Copper (Cu)	0.000005%	0.000003%	Vogel's fifth edition Quantitative chemical Analysis

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

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

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*Iron (Fe)	0.00002%	0.00001%	Vogel's fifth edition Quantitative chemical Analysis
*Lead (Pb)	0.000005%	NIL	ACS 2000
*Manganese (Mn)	0.000002%	<0.000002%	ACS 10 th edition
*Molybdenum (Mo)	0.000002%	<0.000002%	ACS 10 th edition
*Nickel (Ni)	0.000002%	<0.000002%	ACS 10 th edition
*Potassium (K)	0.0001%	<0.0001%	In house development
*Strontium (Sr)	0.000002%	<0.000002%	ACS 10 th edition
*Zinc(Zn)	0.00002%	<0.00002%	ACS 10 th edition
*Oxygen absorbed (O)	Complies	Complies	In house development

“The tests marked with an * are not accredited by NABL (ISO/IEC 17025:2005)”.

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 result 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 (Poicha)

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
 (Authorised Signatory)

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

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