

CERTIFICATE OF ANALYSIS
QUALITY CONTROL LABORATORY
 of SDFCL Mfg. Unit No. 1
 E27/ E28, MIDC, Tarapur Industrial Area, B-Road, Boisar-401506, Maharashtra

LAB. ID : RA/1819/305 **CERTIFICATE NO.** : RA/1819/305
NAME OF PRODUCT : POTASSIUM METABISULPHITE AR
 Meets analytical specification of BP, USP-NF, FCC, Ph.Eur.
BATCH NO : B193/1017/0811/31 **DATE OF ANALYSIS** : 22.02.2019
PRODUCT CODE : 20213 **SPECIFICATION REF.** : 20213SP02
MFG. DATE : FEBRUARY-2019 **RETEST DATE** : JANUARY-2020

TEST	CASR NO (16731-55-8)		TEST METHOD REF.
	K ₂ S ₂ O ₅	M.W. : 222.33	
Description	Colourless crystals/ white crystalline powder.	Complies	USP-30
Solubility	10% solution in water is clear and colourless.	Complies	USP-30
Identification	Passes tests.	Complies	FCC
Minimum Assay (Iodometric)	97.0%	97.87%	USP-30
SO ₂ content	55.8- 57.6%	56.40%	FCC
pH(5% soln. in water)	3.0 – 4.5	4.08	Ph.Eur
MAXIMUM LIMIT OF IMPURITIES			
Water insoluble matter	0.005%	Complies [$< 0.005\%$]	Analar 8 th Edition
Chloride (Cl)	0.005%	Complies [$< 0.005\%$]	Analar 8 th Edition
Arsenic (As)	0.0001%	Complies [$< 0.0001\%$]	Analar 8 th Edition
Copper (Cu)	0.001%	Complies [$< 0.001\%$]	Analar
Heavy metals(as Pb)	0.001%	Complies [$< 0.001\%$]	Ph.Eur
Iron (Fe)	0.0005%	Complies [$< 0.0005\%$]	FCC
Lead (Pb)	0.001%	Complies [$< 0.001\%$]	Analar 8 th Edition
Selenium (Se)	0.0005%	Complies [$< 0.0005\%$]	Ph.Eur
Thiosulphate(S ₂ O ₃)	0.025%	Complies [$< 0.025\%$]	Ph.Eur
Residual solvents	Excluded by mfg. process.	Complies	USP-24
Organic volatile impurities	Meets the requirement.	Complies	USP-24
Zinc (Zn)	0.001%	Complies [$< 0.0001\%$]	Analar

THE ABOVE BATCH MATERIAL COMPLIES WITH THE PRESCRIBED QUALITY OF THE STANDARD AS STATED 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 analysing the product upon receipt. Any legally binding assurance regarding the suitability of the product for any particular purpose or use can not 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. 1 (Boisar).

For S D FINE-CHEM LIMITED

Sampling SOP No. : SDFCL-TAR-SWP-GEN-007
Sampling Plan : A (Sq. root of N+1)
Spl. Ref. (if any) : -

(Authorised Signatory)

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