

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	: RM/1819/0325	CERTIFICATE NO.	: 290518/02
NAME OF PRODUCT	: POTASSIUM IODIDE AR		
	: Meets Analytical Specification of IP, BP, USP, Ph. Eur.		
BATCH NO	: H18A/0218/2905/31	DATE OF ANALYSIS	: 01.08.2018
PRODUCT CODE	: 20212	SPECIFICATION REF.	: 20212SP02
MFG. DATE	: AUGUST-2018	RETEST DATE	: JULY-2023

CASR NO : (7681-11-0)

TEST	SPECIFICATIONS	RESULTS	TEST METHOD REF.
KI M.W. : 166.00			
Description	Colourless or white crystals /crystalline	Complies	BP-2010
Solubility	20% solution in water is clear and colourless up to 48 hours.	Complies	ACS 10 th Edition
Identification	Passes test.	Complies	BP-2010
Minimum Assay (oxidimetric; after drying)	99.8%	99.82%	BP-2010
Loss on drying (at 120°C)	Max. 0.5%	0.24%	BP-2010
MAXIMUM LIMIT OF IMPURITIES			
Insoluble matter	0.003%	Complies [$<0.003\%$]	Analar 8 th Edition
Acidity (HI)	0.0065%	Complies [$<0.0065\%$]	In house
Alkalinity (KOH)	0.012%	Complies [$<0.012\%$]	Analar 8 th Edition
Arsenic (As)	0.00001%	Complies [$<0.00001\%$]	Analar 8 th Edition
Chloride & bromide (Cl)	0.01%	Complies [$<0.01\%$]	ACS 10 th Edition
Phosphate (PO ₄)	0.001%	Complies [$<0.001\%$]	ACS 10 th Edition
Sulphate (SO ₄)	0.005%	Complies [$<0.005\%$]	Analar 8 th Edition
Nitrogen compounds (N)	0.001%	Complies [$<0.001\%$]	Analar 8 th Edition
Barium (Ba)	0.001%	Complies [$<0.001\%$]	Analar 8 th Edition
Calcium (Ca)	0.0005%	Complies [$<0.0005\%$]	ACS 10 th Edition
Copper (Cu)	0.0002%	Complies [$<0.0002\%$]	ACS 10 th Edition
Cyanide	Passes test.	Complies	IP
Iodate (IO ₃)	0.0002%	Complies [$<0.0002\%$]	BP-2008
Iodine reducing substance	0.001%	Complies [$<0.001\%$]	Analar 8 th Edition
Iron (Fe)	0.0002%	Complies [$<0.0002\%$]	ACS 10 th Edition
Heavy metals (as Pb)	0.0005%	Complies [$<0.0005\%$]	BP-2008
Magnesium (Mg)	0.0005%	Complies [$<0.0005\%$]	ACS 10 th Edition
Thiosulphate	Passes test.	Complies	BP-2008
Limit of nitrate, nitrite & ammonia	Passes test.	Complies	USP
Thiosulphate & barium	Passes test.	Complies	USP
Organic volatile impurities	Meets the requirement.	Complies	USP

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)