

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/1617/0001	CERTIFICATE NO.	: 050416/05
NAME OF PRODUCT	: POTASSIUM HYDROXIDE PELLETS AR (snow white)		
	: Meets Analytical Specification of BP, USP-NF, Ph. Eur		
BATCH NO	: D19A/0516/0504/31	DATE OF ANALYSIS	: 25.04.2019
PRODUCT CODE	: 20210	SPECIFICATION REF.	: 20210SP03
MFG. DATE	: APRIL-2019	RETEST DATE	: MARCH-2024

CASR NO : (1310-58-3)

TEST	SPECIFICATIONS	RESULTS	TEST METHOD REF.
	KOH	M.W. : 56.11	
Description	White deliquescent pellets.	Complies	SDFCL-TAR-GTP -001
Solubility	10% solution in water is clear, colourless.	Complies	SDFCL-TAR-GTP -004
Identification	Passes test.	Complies.	BP - 2017
Minimum Assay (Acidimetric)	85.0%	87.59%	BP - 2017
MAXIMUM LIMIT OF IMPURITIES			
Insoluble matter	0.01%	<0.01%	Analar 8 th Edition
Carbonate (K ₂ CO ₃)	1.0%	0.7%	BP - 2017
Chloride (Cl)	0.002%	0.002%	SDFCL-TAR-STP-20210
Total Nitrogen (N)	0.001%	< 0.001%	ACS 10 th Edition
Phosphate (PO ₄)	0.001%	< 0.001%	Analar 8 th Edition
Silicate (SiO ₂)	0.001%	< 0.001%	SDFCL-TAR-LTP -057
Sulphate (SO ₄)	0.002%	< 0.002%	ACS 10 th Edition
Aluminium (Al)	0.001%	<0.001%	BP - 2017
Calcium (Ca)	0.0025%	<0.0025%	ACS 10 th Edition
Copper (Cu)	0.0005%	<0.0005%	ACS 10 th Edition
Iron (Fe)	0.0005%	<0.0005%	Analar 8 th Edition
Lead (Pb)	0.0005%	<0.0005%	Analar 8 th Edition
Nickel (Ni)	0.0005%	<0.0005%	ACS 10 th Edition
Sodium (Na)	1.0%	<1.0%	SDFCL-TAR-STP-20210

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)

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

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