

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

<b>LAB. ID</b>	: RM/1819/2001	<b>CERTIFICATE NO.</b>	: 070219/34
<b>NAME OF PRODUCT</b>	: POTASSIUM HYDROXIDE PELLETS AR (snow white)		
	: Meets Analytical Specification of BP, USP-NF, Ph. Eur		
<b>BATCH NO</b>	: C20A/3419/0702/31	<b>DATE OF ANALYSIS</b>	: 03.03.2020
<b>PRODUCT CODE</b>	: 20210	<b>SPECIFICATION REF.</b>	: 20210SP03
<b>MFG. DATE</b>	: MARCH-2020	<b>RETEST DATE</b>	: FEBRUARY-2025

CASR NO. : (1310-58-3)

TEST	SPECIFICATIONS	RESULTS	TEST METHOD REF.
	<b>KOH</b>		<b>M.W. : 56.11</b>
Description	White deliquescent pellets.	Complies	BP-2017 8 <sup>th</sup> Edition
Solubility	10% solution in water is clear, colourless.	Complies	BP-2017 8 <sup>th</sup> Edition
Identification	Passes test.	Complies	BP-2017 8 <sup>th</sup> Edition
Minimum Assay (Acidimetric)	85.0%	86.8%	BP-2017 8 <sup>th</sup> Edition
<b>MAXIMUM LIMITS OF IMPURITIES</b>			
Insoluble matter	0.01%	< 0.01%	BP-2017 8 <sup>th</sup> Edition
Carbonate (K <sub>2</sub> CO <sub>3</sub> )	1.0%	0.7%	Analar 8 <sup>th</sup> Edition
Chloride (Cl)	0.002%	< 0.002%	ACS 10 <sup>th</sup> Edition
Total Nitrogen (N)	0.001%	< 0.001%	ACS 10 <sup>th</sup> Edition
Phosphate (PO <sub>4</sub> )	0.001%	< 0.001%	Analar 8 <sup>th</sup> Edition
Silicate (SiO <sub>2</sub> )	0.001%	< 0.001%	In-house
Sulphate (SO <sub>4</sub> )	0.002%	< 0.002%	ACS
Aluminium (Al)	0.001%	< 0.001%	Analar 8 <sup>th</sup> Edition
Calcium (Ca)	0.0025%	< 0.0025%	ACS
Copper (Cu)	0.0005%	< 0.0005%	ACS
Iron (Fe)	0.0005%	< 0.0005%	Analar
Lead (Pb)	0.0005%	< 0.0005%	Analar 8 <sup>th</sup> Edition
Nickel (Ni)	0.0005%	< 0.0005%	ACS 10 <sup>th</sup> Edition
Sodium (Na)	1.0%		ACS 10 <sup>th</sup> Edition

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)