

**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/2021/0462	<b>CERTIFICATE NO.</b>	: 100820/09
<b>NAME OF PRODUCT</b>	: POTASSIUM BROMIDE AR	<b>DATE OF ANALYSIS</b>	: 11.08.2020
<b>BATCH NO</b>	: H20A/0920/1008/31	<b>SPECIFICATION REF</b>	: 20195SP01
<b>PRODUCT CODE</b>	: 20195	<b>RETEST DATE</b>	: JULY-2025
<b>MFG. DATE</b>	: AUGUST-2020		

CASR NO : (7758-02-3)

	KBr	M.W. : 119.00	
TEST	SPECIFICATIONS	RESULTS	TEST METHOD REF.
Description	Colourless crystals.	Complies	ACS 10th Edition
Solubility	10% solution in water is clear and colourless.	Complies	ACS 10th Edition
Minimum Assay (argentometric; after drying)	99.5%	99.68 %	ACS 10th Edition
Loss on drying at 130°C	Max. 0.2%	0.15%	ACS 6th Edition.
<b>MAXIMUM LIMIT OF IMPURITIES</b>			
Insoluble matter	0.003%	Complies[ < 0.003 %]	ACS 10th Edition
Alkalinity (K <sub>2</sub> CO <sub>3</sub> )	0.0069%	Complies[ < 0.0069 %]	In-house
Chloride (Cl)	0.3%	Complies[ < 0.3 %]	ACS 10th Edition
Sulphate (SO <sub>4</sub> )	0.005%	Complies[ <0.005 %]	In-house
Nitrogen compounds (N)	0.001%	Complies[ < 0.001%]	Analar 6th Edition
Bromate (BrO <sub>3</sub> )	0.0004%	Complies[ <0.0004%]	Analar 8 <sup>th</sup> Edition
Iodide (I)	0.05%	Complies[ < 0.05%]	Analar 6th Edition
Calcium (Ca)	0.001%	Complies [ <0.001%]	In-house
Copper (Cu)	0.0002%	Complies[ < 0.0002%]	ACS 10th Edition
Iron (Fe)	0.0003%	Complies [ <0.0003%]	In-house
Lead (Pb)	0.0002%	Complies [ <0.0002%]	In-house
Magnesium (Mg)	0.001%	Complies[ < 0.001%]	Analar 6th 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)