

**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>	: RA/2021/197	<b>CERTIFICATE NO.</b>	: RA/2021/197
<b>NAME OF PRODUCT</b>	: LEAD DIOXIDE AR	<b>DATE OF ANALYSIS</b>	: 24.08.2020
<b>BATCH NO</b>	: H203/1716/0411/31	<b>SPECIFICATION REF.</b>	: 20144SP01
<b>PRODUCT CODE</b>	: 20144	<b>RETEST DATE</b>	: JULY-2025
<b>MFG. DATE</b>	: AUGUST-2020		

**CASR NO : (1309-60-0)**
**PbO<sub>2</sub>**
**M.W. : 239.2**

TEST	SPECIFICATIONS	RESULTS	TEST METHOD REF.
Description	Dark brown or nearly black amorphous powder.	Complies	ACS
Solubility	Soluble in dil.HNO <sub>3</sub> in presence of H <sub>2</sub> O <sub>2</sub> .	Complies	ACS
Minimum Assay (Oxidimetric)	97.0%	98.56%	ACS
<b>MAXIMUM LIMIT OF IMPURITIES :</b>			
Insoluble matter in Dil. HNO <sub>3</sub>	0.05%	Complies[<0.05%]	Analar
Chloride (Cl)	0.003%	Complies[<0.003%]	Analar
Total Nitrogen compound (N)	0.005%	Complies[<0.005%]	Analar
Sulphate (SO <sub>4</sub> )	0.003%	Complies[<0.003%]	In-house
Copper (Cu)	0.001%	Complies[<0.001%]	ACS
Iron (Fe)	0.02%	Complies[<0.02%]	ACS
Manganese (Mn)	0.0002%	Complies[<0.0002%]	ACS 10 <sup>th</sup> Edition
Substances not ppted by H <sub>2</sub> S (as sulphate)	0.5%	Complies[<0.5%]	In-house

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**

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

**(Authorised Signatory)**

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

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