

**The Soap Kitchen (2011) Ltd**

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## CERTIFICATE OF ANALYSIS

PRODUCT:	<u>TITANIUM DIOXIDE</u>	CRYSTAL FORM:	<u>ANATASE</u>
BATCH NO.:	<u>2006201</u>	QUANTITY:	<u>2000 KGS</u>
MFG. DATE:	<u>JUNE 01, 2020</u>	PACKAGING:	<u>25 KGS/ PAPER BAG</u>
EXP. DATE:	<u>JUNE 01, 2025</u>	REPORT. DATE:	<u>JUNE 07, 2020</u>
STANDARDS:	<u>FCC 10 / USP 43</u>	TYPE:	<u>HongYuan 3100</u>

TEST	SPECIFICATIONS	TEST RESULTS
CHARACTERISTICS	A WHITE OR ALMOST WHITE ODORLESS POWDER	WHITE, ODORLESS POWDER
IDENTIFICATION	ORANGE-RED COLOR WITH H <sub>2</sub> O <sub>2</sub>	CONFORMS
LOSS ON DRYING	0.5% MAX	0.33%
LOSS ON IGNITION	0.5% MAX ( AFTER DRYING )	0.37%
WATER SOLUBLE SUBSTANCE	0.25% MAX	0.16%
ACID SOLUBLE SUBSTANCE	0.5% MAX	0.28%
LEAD(0.5 N HCL SOLUBLE)	10 PPM MAX	2.51
ARSENIC (0.5 N HCL SOLUBLE)	1 PPM MAX	0.52
ANTIMONY (0.5 N HCL SOLUBLE)	2 PPM MAX	0.53
MERCURY (0.5 N HCL SOLUBLE)	1 PPM MAX	<0.01
AL <sub>2</sub> O <sub>3</sub> AND/OR SiO <sub>2</sub>	2.0% MAX	<0.02%
ASSAY (TiO <sub>2</sub> )	99.0~100.5%	99.13%
<b>MICROBIOLOGY TEST</b> TOTAL AEROBIC COUNT YEASTS AND MOULDS	100 CFU/G MAX 100 CFU/G MAX	CONFORMS CONFORMS
<b>SPECIFIED MICROBIAL TEST</b> STAPHYLOCOCCUS AUREUS GRAM NEGATIVE BACTERIA	NEGATIVE TO TEST NEGATIVE TO TEST	CONFORMS CONFORMS
CONCLUSION	COMPLIES WITH FCC 10 / USP	
ANALYST: PAN QINGQING		