

江苏宏远药业有限公司
JIANGSU HONGYUAN PHARMACEUTICAL CO., LTD.
 ADD: FANGZHUANG, XUSHE TOWN, YIXING, JIANGSU PROVINCE, CHINA

CERTIFICATE OF ANALYSIS

PRODUCT: <u>TITANIUM DIOXIDE</u>	CRYSTAL FORM: <u>ANATASE</u>
BATCH NO.: <u>202211213</u>	QUANTITY: <u>20000 KG</u>
MFG. DATE: <u>NOV.16.2022</u>	PACKAGING: <u>25 KGS/ PAPER BAG</u>
EXP. DATE: <u>NOV.16.2027</u>	REPORT. DATE: <u>NOV.19.2022</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 ₂ O ₂	CONFORMS
LOSS ON DRYING	0.5% MAX	0.36%
LOSS ON IGNITION	0.5% MAX (AFTER DRYING)	0.39%
WATER SOLUBLE SUBSTANCE	0.25% MAX	0.20%
ACID SOLUBLE SUBSTANCE	0.5% MAX	0.32%
LEAD(0.5 N HCL SOLUBLE)	10 PPM MAX	2.32
ARSENIC (0.5 N HCL SOLUBLE)	1 PPM MAX	0.63
ANTIMONY (0.5 N HCL SOLUBLE)	2 PPM MAX	0.55
MERCURY (0.5 N HCL SOLUBLE)	1 PPM MAX	<0.01
CADIUM (0.5 N HCL SOLUBLE)	1 PPM MAX	<0.01
AL ₂ O ₃ AND/OR SIO ₂	2.0% MAX	<0.02%
ASSAY (TIO ₂)	99.0~100.5%	99.02%
CONCLUSION	COMPLIES WITH FCC 10 / USP43	

ANALYST: PAN QINGQING

