

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: TITANIUM DIOXIDE CRYSTAL FORM: ANATASE
BATCH NO.: 202404215
MFG. DATE: APR.17,2024
EXP. DATE: APR.17,2029 REPORT DATE: APR. 20,2024
STANDARDS: FCC 10 / USP 43 TYPE: HongYuan 3100

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	0.32%
LOSS ON IGNITION	0.5% MAX (AFTER DRYING)	0.25%
WATER SOLUBLE SUBSTANCE	0.25% MAX	0.17%
ACID SOLUBLE SUBSTANCE	0.5% MAX	0.26%
LEAD(0.5 N HCL SOLUBLE)	10 PPM MAX	2.91
ARSENIC (0.5 N HCL SOLUBLE)	1 PPM MAX	0.55
ANTIMONY (0.5 N HCL SOLUBLE)	2 PPM MAX	0.47
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%	99.10%
CONCLUSION	COMPLIES WITH FCC 10 / USP43	

ANALYST: PAN QINGQING

APPROVED BY: ZHOU LING

