



SHANGHAI PENGBO TITANIUM DIOXIDE CO., LTD

NO. 55,99 XIASHENG ROAD,66 LANE, SECOND INDUSTRIAL JIN SHAN DISTRICT SHANGHAI 201512,CHINA.
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CERTIFICATE OF ANALYSIS

INVOICE NO.: 2019D0925-2

DATE:13th,Oct,2019

PRODUCT:TITANIUM DIOXIDE RUTILE

APPLICATION:TITANIUM DIOXIDE RUTILE is widely used for making top-quality solvent coating,high gloss emulsion paintings,industrial coatings,power paints,printing ink,plastic pipes,plastic masterbatch and etc.

Batch No.:92019100721S

Batch Quantity:9000KGS

Manufacturing date:7th,Oct,2019

Expiry date:7th,Oct,2022

Batch No.:92019110122S

Batch Quantity:11000KGS

Manufacturing date:11th,Nov,2019

Expiry date:11th,Nov,2022

SPECIFICATION:

Item		Standard	Testing Result	Testing Result
			Batch No.:92019100721S	Batch No.:92019110122S
TiO ₂ ,%		≥93	94.1	94.2
Whiteness of dry powder	L*	98.6	98.7	98.7
	a	-0.39	-0.38	-0.38
	b*	1.90	2.74	2.79
Whiteness of paints(compared with the standard sample)		Similar	better	better
Tinting reducing (Reynold's number)		≥1800	2000	2020
Rutile, %		≥98	98	98
105℃volatile content,% (m/m)		≤1.0	0.3	0.4
Water soluble, %(m/m)		≤0.5	0.3	0.3
PH Value of aqueous suspension		6.0~8.5	8.3	8.3
Oil absorption, g/100g		≤22	19	19
Residue on 325mesh screen, %		≤0.05	0.01	0.01
grinding dispersion		≥5.75	6.00	6.25
Resistance of Water Extract , Ω.m		≥60	126	121

Inspector:Zhou ying,Lihui Checked by:Shen PingMei Person in Charge:Meng Xian Long

Ms. Cassie Dong