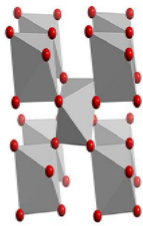


TECHNICAL DATA SHEET

ASUHI DIOXIDO DE TITANIO AFD&C

APPLICATIONS	HongYuan 3100 an untreated and uncoated anatase sulphate process pigment with high brightness, purity and good opacity Pigmentation of foodstuffs, pharmaceuticals, cosmetics, etc Cigarettes and cigars-the art print on cigars and for cigarette paper Pet-foods		
TYPICAL PRODUCT PROPERTIES	Chemical Name	Titanium Dioxide	
	Chemical Formula	TiO ₂	
	CAS NO.	13463-67-7	
	EINECS and TSCA NO.	236-675-5	
	Color Index	77891	
	Color Name	Pigment White 6	
	Property	Typical Value	HongYuan 3100 Typical
	Appearance	White powder	White powder
	Particle size , u m	0.2~0.4	0.31
	Bulk density, g/cm ³	0.55	0.55
Oil absorption, g/100g	19-22	20	
Surface area, m ² /g	9-10	9	
Whiteness	97 min	97.8	
Sieve residue (45 u m), %	0.05 max	0.03%	
PRODUCT SPECIFICATION	Property	Specification	HongYuan 3100 Typical
	TiO ₂ content, %	99.0 min	99.13
	Loss on drying,%	0.50 max	0.15
	Loss on ignition, %	0.50 max	0.21
	Water soluble substance, %	0.25 max	0.21
	Acid soluble substance, %	0.50 max	0.38
	Al ₂ O ₃ / SiO ₂ , %	2.0% max	<0.02%
	Antimony, ppm	2 max	0.02
	Arsenic, ppm	1 max	0.45
	Lead, ppm	10 max	7.60
	Mercury, ppm	1 max	0.01
	Zinc, ppm	50 max	4.80
	Cadmium, ppm	1 max	0.12
	Iron, ppm	200 max	14.0
TOTAL VIABLE AEROBIC COUNT TEST	Bacteria, cfu/g	100 max	Conforms
	Moulds, cfu/g	100 max	Conforms
	Yeasts, cfu/g	100 max	Conforms
SPECIFIED MICROBIAL TEST	Enterobacteriaceae	Not detected	Conforms
	Escherichia Coli	Not detected	Conforms
	Salmonella	Not detected	Conforms
	Pseudomonas Aeruginosa	Not detected	Conforms
	Staphylococcus Aureus	Not detected	Conforms
	Clostridia	Not detected	Conforms
	Candida albicans	Not detected	Conforms
SAFTY PRECAUTIONS	Please see the Material Safety Data Sheet before handling the material.		



Asuhi AFD&C Complies with US FDA regulation 21 CFR 73.575 (foodstuffs), 73.1575 (pharmaceuticals), 73.2575 (cosmetics), E171 (Commission Regulation (EU) NO 231/2012), FAO/WHO, USP, EP, BP, FCCViland JP .