

产品规格书 SPECIFICATIONS

二氧化钛 S1-K1 Titanium Dioxide S1-K1

产品特性 Characteristics

S1-K1 是一款金红石型钛白粉，二氧化钛含量 99%以上，具有优异光学性能和颜料性能，易于分散于各种不同的介质(油性和水性体系)中。S1-K1 具有极低的重金属含量，符合化妆品安全技术规范 2015 年版和中国 GB/T 27599-2011。

S1-K1 is a high purity Rutile TiO₂ more than 99%. It has excellent optical properties and easily dispersed in various kinds of water or oil system. S1-K1 has pretty low heavy metals, complying with Standard of Safety and Technical Standards for Cosmetics of the People's Republic of China (2015 version) and GB/T 27599-2011 of China.

应用领域 Application

彩妆 colorant for make-up cosmetic

食品 colorant for foodstuff

药品 colorant for pharmaceuticals

粉体加工 basic material for functional powder

产品指标 Technical Index

项目及单位 Item & Unit	规格 Specification	检测方法 Methods
TiO ₂ 含量 Content, %	≥99	GB 27599-2011
干燥减量 Loss on drying, %	≤1	Q/85MS01-2015
烧灼失量 Loss on Ignition, %	≤1	Internal
水溶物 Soluble in water, %	≤0.5	Q/85MS01-2015
酸溶物 Soluble in Acid, %	≤1.5	GB 25577-2010
消色力 Tint strength, %	≥100	Q/85MS01-2015
筛余物 Residue (325 目), %	≤0.5	Q/85MS01-2015
pH	6.0-8.0	Internal
D50, μm	0.30-0.45	LPSA
色差 ΔE	≤0.8	Q/85MS01-2015
白度 Wh	≥95	Q/85MS01-2015
堆积密度, g/ml	0.50-0.80	Internal
铅 Pb ppm	≤10	Internal
砷 As ppm	≤1	Internal
汞 Hg ppm	≤1	Internal
镉 Cd ppm	≤3	Internal
镍 Ni ppm	≤10	Internal
锑 Sb ppm	≤5	Internal
菌落总数 Microbial Contents, cfu/g	≤1000	CFDA-2015
霉菌和酵母菌数 Mold & Yeast count, cfu/g	≤100	CFDA-2015

包装 Package: 25 kg、500 kg、1000 kg/纸袋/纸筒 paper bags/drums/bulk bags.

保质期 Shelf life: 5 年/5 years

保存条件 Storage Condition: 干燥、清洁、室内仓库条件下保存。Store in dry, clean, in-door warehouse.

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