



Technical Data Sheet

Product: TITANIUM DIOXIDE USP K
INCI Name: Titanium Dioxide
CAS No.: 13463-67-7
Recertification Date: 5 years from Manufacture Date

Characteristic	Specification
Characteristics	A white or almost white odorless powder
Identification	Orange-Red color with H ₂ O ₂
Loss on Drying	0.5% Max.
Loss on Ignition	0.5% Max.
Water soluble substance	0.25% Max.
Acid soluble substance	0.5% Max.
Lead	10 PPM Max.
Arsenic	1 PPM Max.
Particle Size	325 Mesh Residue 0.05% Max.
Antimony	2 PPM Max.
Mercury	1 PPM Max.
Assay (TiO ₂)	99.0 - 100.5%
ORGANIC VOLATILE IMPURITIES	
Chloroform	60 µG Per G Max.
1,4-Dioxane	380 µG Per G Max.
Dichloromethane	600 µG Per G Max.
Trichloroethylene	80 µG Per G Max.
Conclusion	Complies with USP 43-NF 38

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