

Specification

Technical Data Sheet

CAS**13463-67-7****STORAGE****Ambient****MOLECULAR WEIGHT****79.87****PRODUCT****Titanium(IV) oxide (cosmetic grade)**

Product number	90026928
CAS number	13463-67-7
Molecular formula	TiO ₂
Molecular weight	79.87 g/mol

PARAMETER**SPECIFICATION**

Appearance	White powder
Assay	>99%
Conclusion	Passes the test required by the European (PhEur) and the USP and the Japanese (JP) Pharmacopeia; Regulations for food additives - Directive 2012/231/EC (E-171) , FDA Regulation 21 CFR 73.575, 73.1575, 73.2575 , FCC, JSSFA, KOSHER and HALAL
Loss on Drying	<0.5% (105°C)
Loss on Ignition	<0.5%
Aluminium oxide (Al₂O₃)	<0.5%
Cadmium (Cd)	<1mg/kg
Particle Size	<0.1% (>0.045mm)
Silicon Dioxide (SiO₂)	<0.5%
Water soluble matter	<0.5%
Antimony (Sb)	<2mg/kg
Arsenic (As)	<1mg/kg
Lead (Pb)	<10mg/kg
Mercury (Hg)	<1mg/kg

SPECIFICATION STATEMENT	The values stated above represent the standard specification for this product, issued under Molekula Ltd 's quality management system. Batch-specific results are provided on the Certificate of Analysis.
STORAGE	Store as indicated on the product label, away from light, moisture and incompatible materials.

Molekula Ltd would like to thank you for your support of our products and service.

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