

**PRODUCT CODE: 142101****Titanium(IV) Oxide (USP, BP, Ph. Eur.) pure, pharma grade**

O₂TiTiO₂

M.= 79,90

CAS [13463-67-7]

EINECS 236-675-5

TARIC 2823 00 00 10

SYNONYMS: Titanium Dioxide**PHYSICAL DATA:** powder, White, Insoluble in water D 4,23 • M.P.: 1.855 °C • B.P.: 2.900 °C • pH(100g/l)7 - 8 •**BIBLIOGRAPHY:** Merck Index **12**, 9.612 13, 9.549 Sax **TGH000** • Safety **2** , **3359 B** • Römp **8** , **4279** • BP.**2018** • USP -**NF 36** • Ph. Eur. **8.0** (2014) **9.0** (2017) 6.4 • F.C.C **10 11** • Royal Decree **I812** • BOE **25630689(25-10-1988)25030939(16-10-96)243(8-10-2009)** • Directive 2008/128/EC • DAB 10 •**HAZARDOUS:** RTECS: XR 2275000 • LD50 oral rat >10.000 mg/kg • VLA-ED 10 mg/m3**SPECIFICATIONS:**

Assay	99,0-100,5%
Identity :	
Identity according to Pharmacopoeias:	passes test
Maximum limit of impurities	
Appearance of solution	passes test
Acidity or alkalinity	passes test
Insoluble matter in H2SO4	passes test
Soluble matter in H2O	0,25 %
Soluble matter in HCl dil	0,5 %
Loss on ignition 800°C	0,5%

Loss on drying at 105°C	0,5%
Residual solvents (Ph.Eur/USP)	passes test
Heavy metals (as Pb)	0,002%
As	0,0001 %
Ba	passes test
Fe	0,02 %
Sb	0,0002 %

Residual metals (according to EMEA/CHMP/SWP/4446/2000): No metal catalysts are used in the manufacturing process.

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