

neoFroxx GmbH

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www.neofroxx.com

Certificate of Analysis

Product	Tin(IV) oxide
Brand	Labochem

Quality	pure EP
Product number	LC-10688
Lot number	321H8312 (revised)
Synonyms	Stannic oxide, Flowers of tin, Cassiterite
Formula	SnO ₂
Molecular weight	150.71 g/mol
CAS number	18282-10-5
Melting point	1630°C
Storage	RT
Manufacturing date	June 2017
Retest date	June 2022

We herewith confirm that this product meets the requirements of the European Pharmacopoeia (EP 8.3).

Parameter	Specification	Result
Assay (complexometric, ZnO calculated on ignited substance)	99.0 - 100.5 %	99.8 %
Identity	passes test	complies
Carbonate and color of solution	passes test	complies
Free Alkali	passes test	complies
Chloride (Cl)	max. 0.005 %	complies
Sulfate (SO ₄)	max. 0.02 %	complies
As	max. 0.0005 %	complies
Cd	max. 0.001 %	complies
Fe	max. 0.001 %	complies
Pb	max. 0.005 %	complies
Iron and other heavy metals	passes test	complies
Residual solvents (EP/USP/ICH)	excluded by manufacturing process	complies
Loss on ignition (850°C)	max. 1.0 %	0.53 %

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Einhausen, 07.08.2018 (revised)	Quality control: M.F.
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