

SHOWA KAKO CORPORATION

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Quality Specifications

Product : Stannic oxide

Grade	—
Chemical name	Stannic oxide
CAS No.	18282-10-5
Chemical formula	SnO ₂
M.W.	150.7

【 Requirements 】

Test Item	Specification	Test method
Appearance	Pale yellowish powder	Visual test
Chloride (as Cl)	0.05% max.	Ion chromatography
Sulfate (as SO₄)	0.05% max.	Ion chromatography
Nitrate (as NO₃)	0.05% max.	Ion chromatography
Heavy metals (Oxides)	0.03% max.	Atomic absorption spectrometry
Iron (as Fe₂O₃)	0.20% max.	Atomic absorption spectrometry
Ignition loss	0.60% max.	550 ± 50 °C, 3 hours
Assay	99.0% min.	100-(Heavy metals+ Iron+ Ignition loss) (%)