

Technical Data Sheet

Technisches Datenblatt

Ronastar® Silver (Product No. 1.17713)

INCI NAME:	Calcium Aluminum Borosilicate, Silica, CI 77891 (Titanium Dioxide), Tin Oxide
APPEARANCE / AUSSEHEN:	White powder /weißes Pulver

CHEMICAL COMPOSITION:	%	CI NO.	CAS NO.	EINECS NO.
Calcium Aluminum Borosilicate	62.0 – 83.0		65997-17-3	266-046-0
*Silicon Dioxide	12.0 – 22.0		7631-86-9	231-545-4
Titanium Dioxide	5.0 – 15.0	77891	13463-67-7	236-675-5
Tin(IV) Oxide	< 1.0		18282-10-5	242-159-0

PARTICLE SIZE / KORNGRÖSSENVERTEILUNG: 10.0 - 100.0 µm (80 % within range)
(Method MALVERN 2000) 25.0 - 45.0 µm (D₅₀: median size/mittlere Korngröße)

pH: 6.0 - 10.0
(10% aqueous suspension, ISO 787-9)

LOSS ON DRYING / TROCKNUNGSVERLUST: < 1.0 %
(105°C, 2 hours, ISO 787-2)

MICROBIAL PURITY / MIKROBIOL. REINHEIT: (USP, Ph. Eur.)	Total Viable Aerobic Count	< 100 CFU/g
	E. coli	absent in 1 g
	Pseudomonas aeruginosa	absent in 1 g
	Staphylococcus aureus	absent in 1 g
	Salmonella species	absent in 10 g
	Candida albicans	absent in 1 g
	Gram negative bacteria	absent in 1 g

HEAVY METALS / SCHWERMETALLE: (Modified CTFA and internal methods)	As	<	2 ppm	Hg	<	1 ppm
	Ba	<	50 ppm	Ni	<	10 ppm
	Cd	<	3 ppm	Pb	<	10 ppm
	Cr	<	100 ppm	Sb	<	1 ppm
	Cu	<	50 ppm			

ADDITIONAL DATA: The following data is included for information purposes and is not part of the product specifications.

BULK DENSITY / SCHÜTTDICHT (DIN 53466): 33 - 39 g/100 ml

REMARKS / BEMERKUNGEN: * These following properties are warranted to meet the indicated limits, but Merck KGaA does not perform these tests in lot acceptance.
Tin Oxide is used as an auxiliary agent. The Color Index No. 77861 is listed only where it is used as a colorant.

DATE / DATUM: 06/2007

Rona

