



Product Specification

Talkum Pharma G Ph. Eur.

Chemical Description: Talcum
Origin: China

Edition 4.2 from: 09.07.02
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Type	Parameter	Data	Unit	Test method
D	Appearance	a light, homogeneous, white or almost white powder without odour, greasy to the touch		Pharm. Eur. Monograph Talc
D	Solubility	practically insoluble in water, alcohol, diluted acids and alkalisolutions		Pharm. Eur. Monograph Talc
D	Identification: Infrared spectrophotometry (FTIR)	The spectrum (KBr-disc) shows absorption bands at $3677 \pm 2 \text{ cm}^{-1}$ at $1018 \pm 2 \text{ cm}^{-1}$ and at $669 \pm 2 \text{ cm}^{-1}$.		Pharm. Eur. Monograph Talc
D	pH	7.0 - 9.0		Pharm. Eur. Monograph Talc
D	Water-soluble substances	max. 0.2	%	Pharm. Eur. Monograph Talc
D	Aluminium (AAS)	max. 2.0	%	Pharm. Eur. Monograph Talc
D	Calcium (AAS)	max. 0.9	%	Pharm. Eur. Monograph Talc
D	Iron (AAS)	max. 0.25	%	Pharm. Eur. Monograph Talc
D	Magnesium (AAS)	17.0 - 19.5	%	Pharm. Eur. Monograph Talc
D	Lead (AAS)	max. 10	ppm	Pharm. Eur. Monograph Talc
D	Loss on ignition at 1050 to 1100 °C	max. 7.0	%	Pharm. Eur. Monograph Talc
D	Microbial contamination	If intended for topical administration, the total viable aerobic count is not more than a total of 10^2 aerobic bacteria and fungi per gram. If intended for oral administration, the total viable aerobic count is not more than a total of 10^3 aerobic bacteria and not more than 10^2 fungi per gram.		Pharm. Eur. Monograph Talc
D	Check for presence of asbestos (FTIR)	not detectable		Pharm. Eur. Supplement 1999
T	Fineness (325 mesh)	min. 98	%	
T	SiO ₂	ca. 60	%	
T	MgO	ca. 30	%	
T	Bulk density	max. 0.5	g/cm ³	

Parameter Type T: Typical Properties
Parameter Type D: Certified Properties

This Product Specification contains the latest information due to our knowledge.