

PRODUCT INFORMATION



MONDO MINERALS B.V.

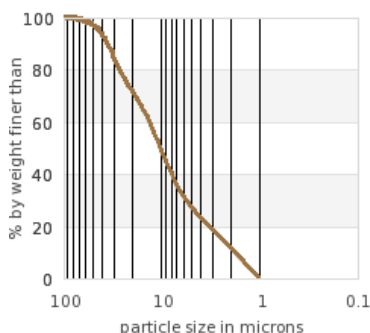
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Microtalc Pharma 50

This product is compliant with European Pharmacopoeia, United States Pharmacopoeia 32-NF27 and Japanese Pharmacopoeia, Talc Monograph 01/2008:0438.

MINERALOGY	Talc (Mg-Silicate)	96	%
	Residue magnesite, dolomite and chlorite		
	CAS-No. 14807-96-6	EINECS-No. 238-877-9	
CHEMICAL PROPERTIES	Fe acid soluble (1mol/L HCl, 100°C)	Not detectable	%
	pH value (ISO 787/9)	9	
OPTICAL PROPERTIES	Brightness Ry (DIN 53163)	92	%
	Refractive index (Mallard)	1.57	
	CIE L*, a*, b* (DIN 6174)	96.5/0.0/0.8	
	Yellowness Index (DIN 6167)	1.8	%
PHYSICAL PROPERTIES	Particle size distribution Sedigraph 51XX		
	- Top cut (d98%)	50	µm
	- Median particle size (d50%)	12	µm
	Sieve residue ((ISO 787/7, 75 µm)	< 3	%
	Specific surface area (BET, ISO 4652)	5	m ² /g
	Hardness (Mohs)	1	
	Specific gravity (ISO 787/5)	2.8	
	Packed bulk density (ISO 787/11)	0.8	g/cm ³
	Bulk density (DIN 53468)	0.50	g/cm ³
	Moisture (ISO 787/2)	0.20	%



EUROPEAN PHARMACOPOEIA PROPERTIES	Talc Monograph	01/2008:0438	
	Identification IR	EP (2.2.24)	Pass
	Acidity or Alkalinity	EP	Pass
	Water soluble substances	EP	< 0.2 %
	Aluminium	EP (2.2.23 method I)	< 2.0 %
	Calcium	EP (2.2.23 method I)	< 0.90 %
	Iron	EP (2.2.23 method I)	< 0.25 %
	Lead	EP (2.2.23 method I)	< 10.0 ppm
	Magnesium	EP (2.2.23 method I)	17.0 - 19.5 %
	Loss on Ignition	EP	< 7.0 %
	Bacteria ex works	EP (2.6.12) topical	< 100 cfu/g
	Fungi ex works	EP (2.6.12) topical	< 100 cfu/g

The information contained in this Technical Data Sheet relates only to the specific material designated herein and does not relate to use in combination with any other material or in any process. The information provided herein is based on technical data that Mondo Minerals believes to be reliable, however Mondo Minerals makes no representation or warranty as to the completeness or accuracy thereof and Mondo Minerals assumes no liability resulting from its use or for any claims, losses, or damages of any third party. Recipients receiving this information must exercise their own judgement as to the appropriateness of its use, and it is the user's responsibility to assess the material's suitability (including safety) for a particular purpose prior to such use.

This product does not contain detectable amounts of asbestos fibres as defined by the US Occupational Safety and Health Administration (OSHA) and the European Directive 83/477/EEC, when analysed by conventional methods. The detection limit of the applied method of analysis is less than 0.1wt%. This statement is based upon verification by certified independent laboratories.

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