

Specification

Technical Data Sheet

CAS**14807-96-6****STORAGE****Ambient****MOLECULAR WEIGHT****379.27****PRODUCT****Talc powder pharma grade**

Product number	90029476
CAS number	14807-96-6
Molecular formula	(SiO ₃ H)4Mg ₃
Molecular weight	379.27 g/mol

PARAMETER**SPECIFICATION**

Appearance	White powder
Identification	(IR) Pass
Loss on Ignition	<7%
Acidity / Alkalinity	Pass
Bacteria ex works	<100 cfu/g
Brightness	92%
Bulk density	0.5 g/cm ³
Fe acid soluble	Not detectable
Fungi ex works	<100 cfu/g
Hardness	1
Iron (Fe)	<0.25%
Moisture	0.2%
Oil Absorption	28 g/100g
Packed bulk density	0.8 g/cm ³
Particle size distribution - median particle size	12µm

PARAMETER	SPECIFICATION
Particle size distribution - particles <2 µm	12%
Particle size distribution - top cut	50µm
PH value	9
Residue on sieve	10%
Specific Gravity	2.77
Specific surface area	5 m2/g
Water soluble matter	<0.2%
Aluminium (Al)	<0.2%
Calcium (Ca)	<0.9%
Lead (Pb)	<10ppm
Magnesium (Mg)	17-19.5%
Yellowness index	1

SPECIFICATION STATEMENT	The values stated above represent the standard specification for this product, issued under Molekula Ltd 's quality management system. Batch-specific results are provided on the Certificate of Analysis.
STORAGE	Store as indicated on the product label, away from light, moisture and incompatible materials.

Molekula Ltd would like to thank you for your support of our products and service.

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