

PRODUCT SPECIFICATION:		TALC HTP4-E553b	
CUSTOMER:		UNI DROGUERIE	
CAS NUMBER:		14807-96-6 (Talc)	
PHYSICAL CHARACTERISTICS	SPECIFICATION	UNITS	METHOD
CIE L*	96.50 ± 1.50	%	M.I. 93002
Tamped density	0.75 ± 0.05	g/ml	M.I. 93003
Moisture	< 0.50	%	M.I. 93005
P.S.D. < 40 micron	≥ 98.0	%	M.I. 93004
FOOD ADDITIVE REQUIREMENTS (E553b)		SPECIFICATION (REG. 231/2012/EC)	
Umidity (105°C)		< 0.5%	
Acid Soluble Substances		< 6.0%	
Water Soluble Substances		< 0.2%	
Acid Soluble Iron		Not detectable	
Lead		< 2 mg/kg	
Arsenic		< 10 mg/kg	

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Technical data sheet

Talc HTP4-E553b

Mineralogy – XRD

Sheet-silicates	Talc	> 96 %
Other minerals	Chlorite Magnesite Dolomite	< 4 %

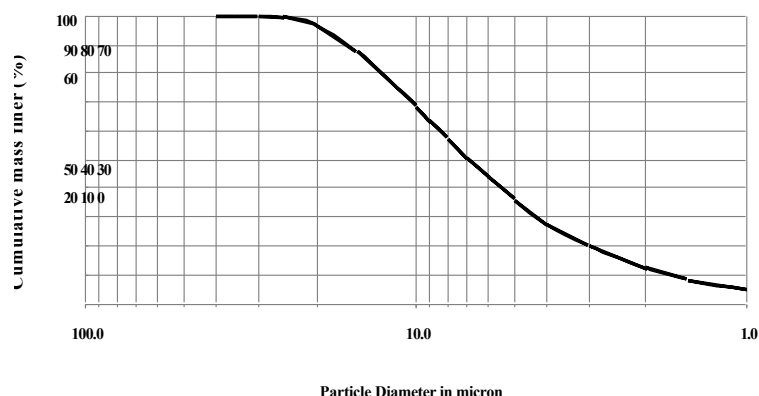
Chromatic coordinates

L* (CIE)	M.I. 93002	96.0
a* (CIE)	M.I. 93002	-0.1
b* (CIE)	M.I. 93002	0.8
Y	M.I. 93002	91.0

Particle Size Distribution

Sedimentation analysis - Sedigraph 5120

Median diameter	D ₅₀	7.5 μ m
Top cut	D ₉₈	30.0 μ m



Physical Properties

Density	DIN 53193	2.8 g/cm ³
Bulk density	M.I. 93003	0.45 g/cm ³
Tapped density	M.I. 93003	0.75 g/cm ³
Specific Surface (B.E.T.)	DIN 66131/2	3.5 m ² /g
Hardness	Mohs scale	1
Oil absorption	M.I. 93008	36 g/100 g
Moisture content at 105 °C	M.I. 93005	0.2 %
Loss on Ignition at 1050°C	M.I. 93009	6.0 %

Note:

TALC is listed as a food additive under EC number E553b (Dir. 95/2/CE Annex IV)
 HTP4 E553b meets the required criteria listed in Reg. 2012/231/CE and FCC (Food Chemical Codex)
 Talc is reported in the "Database of Select Committee on GRAS (Generally Recognized as Safe) Substances" with report no. : 61 and ID Code: 14807-96-6 (CAS number)

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