



Mon-Droguiste.Com  
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10150 Charmont Sous Barbuise  
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<b>PRODUCT SPECIFICATION:</b>		<b>TALC HTP4-E553b</b>	
<b>CUSTOMER:</b>		<b>ASSERDIS</b>	
<b>CAS NUMBER:</b>		<b>14807-96-6 (Talc)</b>	
<b>PHYSICAL CHARACTERISTICS</b>	<b>SPECIFICATION</b>	<b>UNITS</b>	<b>METHOD</b>
<b>CIE L*</b>	<b>96.50 ± 1.50</b>	%	M.I. 93002
<b>Tamped density</b>	<b>0.75 ± 0.05</b>	g/ml	M.I. 93003
<b>Moisture</b>	<b>&lt; 0.50</b>	%	M.I. 93005
<b>P.S.D. &lt; 40 micron</b>	<b>≥ 98.0</b>	%	M.I. 93004
<b>FOOD ADDITIVE REQUIREMENTS (E553b)</b>		<b>SPECIFICATION (REG. 231/2012/EC)</b>	
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	

<b>Date of issue:</b>	<b>16.01.2023</b>
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## Technical data sheet

# Talc HTP4-E553b

### Mineralogy – XRD

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

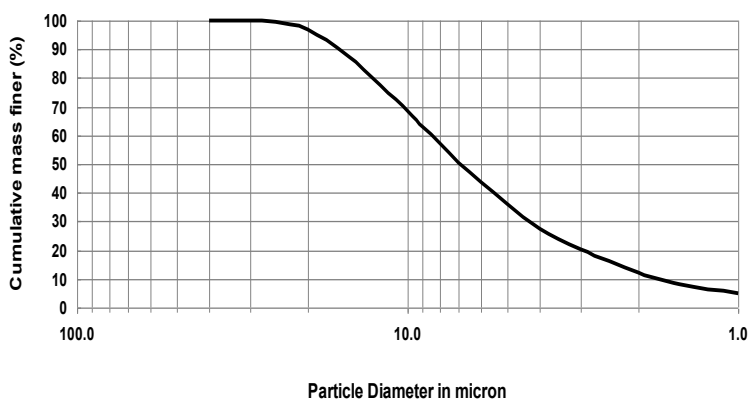
### Chromatic coordinates

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 <sub>50</sub>	7.5 μm
Top cut	D <sub>98</sub>	30.0 μm



### Physical Properties

Density	DIN 53193	2.8 g/cm <sup>3</sup>
Bulk density	M.I. 93003	0.45 g/cm <sup>3</sup>
Tapped density	M.I. 93003	0.75 g/cm <sup>3</sup>
Specific Surface (B.E.T.)	DIN 66131/2	3.5 m <sup>2</sup> /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)