



Product Data Sheet

Halloysite clay HNT-MF 4

1	Chemical composition main elements mass-% <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 5px;"> <thead> <tr> <th>SiO₂</th> <th>Al₂O₃</th> <th>TiO₂</th> <th>Fe₂O₃</th> <th>CaO</th> <th>MgO</th> <th>K₂O</th> <th>Na₂O</th> <th>LOI (110 -1000 °C)</th> </tr> </thead> <tbody> <tr> <td>47,5</td> <td>36,6</td> <td><0,001</td> <td>0,23</td> <td><0,001</td> <td>0,03</td> <td>n.d.</td> <td>n.d.</td> <td>16,3</td> </tr> </tbody> </table> <small>n.d. - not determined</small> trace- and heavy elements (mg/kg) <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 5px;"> <thead> <tr> <th>Pb</th> <th>As</th> <th>Cd</th> <th>Hg</th> <th>Sb</th> <th>Cu</th> <th>Cr</th> <th>Zn</th> <th>Co</th> </tr> </thead> <tbody> <tr> <td>220,0</td> <td>n.d.</td> <td>1,2</td> <td><0,1</td> <td>11,0</td> <td>14,0</td> <td>4,6</td> <td>21,0</td> <td><2,0</td> </tr> </tbody> </table> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 5px;"> <tr> <td>Dioxin / Furan content:</td> <td style="text-align: center;">0,07 ng/kg d.s.</td> </tr> </table>		SiO ₂	Al ₂ O ₃	TiO ₂	Fe ₂ O ₃	CaO	MgO	K ₂ O	Na ₂ O	LOI (110 -1000 °C)	47,5	36,6	<0,001	0,23	<0,001	0,03	n.d.	n.d.	16,3	Pb	As	Cd	Hg	Sb	Cu	Cr	Zn	Co	220,0	n.d.	1,2	<0,1	11,0	14,0	4,6	21,0	<2,0	Dioxin / Furan content:	0,07 ng/kg d.s.
SiO ₂	Al ₂ O ₃	TiO ₂	Fe ₂ O ₃	CaO	MgO	K ₂ O	Na ₂ O	LOI (110 -1000 °C)																																
47,5	36,6	<0,001	0,23	<0,001	0,03	n.d.	n.d.	16,3																																
Pb	As	Cd	Hg	Sb	Cu	Cr	Zn	Co																																
220,0	n.d.	1,2	<0,1	11,0	14,0	4,6	21,0	<2,0																																
Dioxin / Furan content:	0,07 ng/kg d.s.																																							
2	Mineralogical composition (∅ - content) Halloysite 10 Å > 95 % Quartz, Alunite trace < 2 %																																							
3	Grain-size-distribution (wet sedimentation) < 0,7 mm powder (dry) < 2 µm < 85 % (wet sedimentation)																																							
4	Specific values colour white CEC approx. 20 mval/100g specific surface 25 m ² /g moisture content (105 °C) < 3,0 %																																							
5	Packaging / Delivery form - in ___ kg PE-sacks, extradition: - goods shipped in sacks in cardboard box (max. 800 kg) up EUR-pool pallet,																																							

resived at: 19.01.2022