



Molekula Limited  
Lingfield Way  
Darlington  
County Durham  
DL1 4XX  
United Kingdom  
+44 (0) 3302 000333  
info@molekula.com

# Specification

## Technical Data Sheet

<b>Product Name</b>	Lanthanum chloride heptahydrate
<b>Product No</b>	68796330
<b>CAS Number</b>	10025-84-0
<b>Storage Temperature</b>	Ambient
<b>Molecular Weight</b>	371.37

	<b>Specification</b>
<b>Assay</b>	≥98.5 to ≤102.5% (dry wt. basis)
<b>SiO<sub>2</sub></b>	0.002%
<b>Fe<sub>2</sub>O<sub>3</sub></b>	0.001%
<b>TREO</b>	45%
<b>Na<sub>2</sub>O</b>	0.002%
<b>CaO</b>	0.010%
<b>PbO</b>	0.002%
<b>Appearance</b>	White crystal
<b>SO<sub>4</sub><sup>2-</sup></b>	0.010%
<b>La<sub>2</sub>O<sub>3</sub> / TREO</b>	>99%