

LANTHANUM CHLORIDE, anhydrous $LaCl_3$

Properties

White, fine grainy powder, soluble in water

Application

- Single crystal growth
- Detectors



Chemical analysis

	99,99 %
<u>Material base</u>	
TREO*	min. 66,0 %
O ₂	< 0,10 %
Insoluble components	max. 30 ppm
Fe ₂ O ₃	< 5 ppm
CaO	< 2 ppm
Na ₂ O	< 5 ppm
MnO	< 2 ppm
Al ₂ O ₃	< 10 ppm
<u>TREO base</u>	
La ₂ O ₃	min. 99,9 %
Total remaining RE-Oxides	max. 0,1 %

*TREO = Total Rare Earth Oxide

Packing

- Vacuum-sealed PE-bags in plastic boxes