



Unilong Industry Co., Ltd

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CERTIFICATE OF ANALYSIS

Product Name:	Lanthanum chloride	Batch No.	JL20211025
Cas	10099-58-8	MF Date	OCT.25,2021
Packing	25kg/bag	Analysis Date	OCT.25,2021
Quantity	1MT	Expiry Date	OCT.24,2023
Total oxide (TREO): $\geq 45.0\%$		La ₂ O ₃ /TREO: $\geq 99.99\%$	
RE Impurities Content(%)		Non-RE Impurities Content (Max %)	
CeO ₂ : 0.0015	Y ₂ O ₃ : 0.001	Fe ₂ O ₃ : 0.0012	SO ₄ ²⁻ : 0.0010
Pr ₆ O ₁₁ : 0.001	Nd ₂ O ₃ : 0.001	SiO ₂ : 0.005	CaO: 0.007
Sm ₂ O ₃ : 0.001			
Conclusion	Qualified		

Analyst: Wen Qian

Quality Assurance Officer: Zhan Peng