

Technical Data Sheet

 **NAEWAI CORPORATION**

A-708, Hypex, 240 Pangyoyeok-ro, Bundang-gu,
Seongnam-si, Gyeonggi-do, Korea
Phone: 82-70-4010-9233
E-mail: info@naewai.com

Lanthanum nitrate

Product Identification

Product name : Lanthanum nitrate
Chemical Formula : $\text{La}(\text{NO}_3)_3 \cdot 6\text{H}_2\text{O}$
CAS No. : 10277-43-7

Physical and Chemical Properties

Property	Value / Description
Purity	96% min
Physical State	Crystalline powder
Color	White
PH	3 – 4 (in aqueous solution: 50 g/ℓ at 25 °C)
Melting Point	> 40 °C
Boiling Point	126 °C
Solubility in Water	Highly soluble (>1200 g/ℓ at 25 °C)
Stability	Stable under normal conditions
Reactivity	Oxidizing properties; reacts violently with reducing agents, strong acids, organics

Applications

Catalyst, chemical synthesis, optical materials, ceramic materials, electronics components, research reagent, luminescent materials, phosphors

Packing

25kg net in sealed containers

Shipping Regulations

UN No. 1477

Safety Information

May intensify fire; oxidizer. Causes serious eye damage.
Very toxic to aquatic life with long lasting effects.