

Technical Data Sheet

Lithium Phosphate Sputtering Target

Product ID: 03150800ST001

Formular: Li_3PO_4

Molecular weight: 115.79 g/mol

CAS No.: 10377-52-3

EINECS No.: 233-823-0

Color: White

Description: Our lithium phosphate sputtering targets typically have a purity of $\geq 99.9\%$ and can be customized to different sizes upon request. They feature excellent electrochemical stability.

Application: Lithium batteries, thin-film batteries, optoelectronics, energy storage, etc.

**Product
Image:**



1. Sizes

Product ID	Formular	Size
03150800ST001	Li_3PO_4 (99.9%)	Ø 25.4 mm x 5 mm
03150800STDZ	Li_3PO_4 (99.9%)	Customized

2. Chemical compositions

Element Typical Value Purity	Chemical Composition (ppm)							
	Al	Ca	Cr	Cu	Fe	Zn	Pb	Si
99.9%	≤ 50	≤ 100	≤ 30	≤ 20	≤ 50	≤ 400	≤ 80	≤ 100

Note: The purity values shown are calculated by subtracting the sum of selected measured elemental impurities from 100%. These values do not represent the result of a full elemental analysis.

3. Packaging

Carton/wooden box outer bag.

Double vacuum inner bag.

4. Period of Validity

It is recommended to use this product within 12 months. If it is overdue, the product quality status should be re-evaluated.

5. Handling and Storage

When using, wear a dust mask, ensure proper ventilation, avoid skin/eye contact.

Stored in a dry, sealed and well-ventilated area, and follow proper procedures for disposal and cleaning to maintain material integrity and safety.

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