

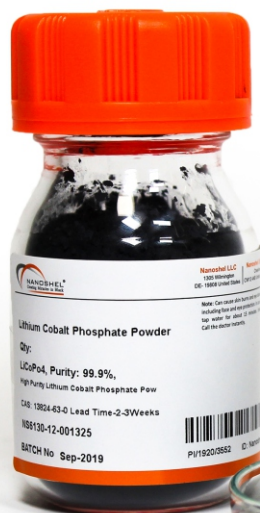
Lithium Cobalt Phosphate Powder

Stock No.
NS6130-12-001325

Research carried out over the last few decades has shown that nanomaterials for energy storage and conversion require higher performance and greater stability. LiFePO_4 is widely used commercially for its various advantages such as excellent cycle life, high rate capability, high thermal and chemical stability, low over-potential, low cost. Lithium iron phosphate (LiFePO_4), also known as LFP, is a cathode material used in lithium ion (Li-ion) batteries. Its primary applications are electric vehicles (EV) and distributed energy storage. Most Li-ion used in consumer electronics products use other cathode materials, such as lithium cobalt oxide (LiCoO_2) and lithium manganese oxide (LiMn_2O_4) and lithium nickel oxide (LiNiO_2).

Product

Lithium Cobalt Phosphate Powder



Purity
99.9%



TECHNICAL Specifications

✓ CAS	:	13824-63-0
✓ Color	:	Purple
✓ Form	:	Powder
✓ Molecular Weight	:	160.84 g/mol
✓ Density	:	$0.8 \pm 0.2/\text{cm}^3$
✓ Electrical Resistance	:	$<100 \Omega\text{cm}$

APPLICATION

- ✓ Life care and pharmaceuticals
- ✓ Li-ion batteries for large-scale energy storage
- ✓ micro batteries or supercapacitors
- ✓ Building ultra safe batteries
- ✓ Creating long lasting batteries

PACKING SIZES :25Gms, 50Gms, 100Gms, 500Gms & Bulk Orders



20ZICE4589C



19ZAZG01274G



20ZICE4588M

ISO 9001:2015
CERTIFIED COMPANY

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