

All technical data presented represent typical results, unless stated otherwise as min/max values. No guarantee is made that material will meet exactly the values shown.

## Lithium Tetrafluoroborate (LiBF<sub>4</sub>), 99.9%

	Spec.	Typical
Assay	99.9% min.	99.9% min.
Insoluble in DME (as LiF)	0.1% max	0.05%
Moisture (ppm)	100 max	30
Free Acid (as HF, ppm)	100 max	10
<b>Metal Impurities</b>		
Al	3 max	1
Ca	5 max	1
Cr	2 max	1max
Cu	2 max	1max
Fe	5 max	1
Pb	2 max	1max
Mg	5 max	1max
Na	5 max	1

**Packing:**

Contents: 1 kg and 5 kg

**Material Handling Precautions:**

Both LiPF<sub>6</sub> and h LiPF<sub>4</sub> could be handled in a dry environment. Local exhaust ventilation should be provided when handling the products in order to control the release of contaminants into the air. These salts are extremely hygroscopic and LiPF<sub>6</sub> may evolve volatile fluorides such as POF<sub>3</sub> and HF as products of decomposition if allowed to be in contact with moisture.

**Application:** Advanced energy

**Product type:** Consumables, Chemicals

**Production scale:** Lab, Pilot, Commercial

**Search tags:** Advanced Energy, Lithium Ion Raw Materials, LiBF<sub>4</sub>, Electrolyte salt