



優必克科技股份有限公司
UBIQ Technology Co., Ltd.

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磷酸鋰鐵正極材料(LiFePO₄)

產品名稱：磷酸鋰鐵正極材料 (LiFePO₄)

型號：LFP-13FT

化學式：LiFePO₄



Analysis:

Test Parameter	Unit	Equipment/Method	Standard	Result	Remark
Physics Characteristics					
Tap Density	g/cm ³	ASTM B527	0.95±0.15	1.08	OK
Specific Surface Area	m ² /g	Micromeritics Gemini V	11±2	11.73	OK
D ₁₀	µm	HORIBA LA-950V2	<1.5	1.32	OK
D ₅₀	µm		2~4	2.35	OK
D ₉₀	µm		4~7	4.62	OK
Moisture	ppm	MITSUBISHI CHEMICAL CA-200	≤1200	593	OK
Composition Analysis					
Li	%	VARIN AA240	4.4±0.5		OK
Fe	%		34.4±1.5		OK
P	%		20.0±1.0		OK
C	%	Heraeus vario III	1~3%		OK
Electrochemical Characteristics					
0.2C Discharge Capacity	mAh/g	charge/discharge rate @0.2C/0.2C @25°C	152±2	153	OK
1C Discharge Capacity	mAh/g	charge/discharge rate @0.5C/1C @25°C	140±3	143	OK



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Cathode Material (LiFePO_4)

Product name : Cathode Material (LiFePO_4)

Model : LFP-13FT

Chemical formula : LiFePO_4

Analysis:



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