



Certificate of UN Test for Lithium Metal Cell

Specifications			
Model : ML1220 [Shape : Coin]			
Nominal voltage	3V	Product mass	0.8g
Nominal capacity	15mAh	Lithium equivalent content	0.009g

Manual of Tests and Criteria / Rev.6 Amendment1 / 38.3 Lithium metal and lithium ion batteries					
Test report number :D-C-106-11 Date of test report : January 1, 2024					
No.	Test items	Test results	Note	Number of test cells	
T1	Altitude simulation	Pass		1st cycle, Fully charged 5 cells	25th cycle, Fully charged 5 cells
T2	Thermal test	Pass			
T3	Vibration	Pass			
T4	Shock	Pass			
T5	External short circuit	Pass			
T6	Crush	Pass		1st cycle, 50% charged 5 cells	25th cycle, 50% charged 5 cells
T7	Overcharge	—		—	
T8	Forced discharge	Pass		1st cycle, Fully discharged 10 cells	25th cycle, Fully discharged 10 Cells

Information		
Manufacturer / Seller	FDK CORPORATION Shibaura Crystal Shinagawa, 1-6-41 Konan, Minato-ku, Tokyo 108-8212 Japan TEL: +81-3-5715-7400 E-mail: lithium_battery_info@fdk.co.jp Website: http://www.fdk.com/	
Test laboratory	FDK CORPORATION (Tottori Plant) 28 Ohta, Iwami-cho, Iwami-gun, Tottori, 681-0063, Japan TEL: +81-857-73-1771 E-mail: lithium_battery_info@fdk.co.jp Website: http://www.fdk.com/	

FDK CORPORATION
Technical Support Department
Lithium Battery Division

Norihito Sumitomo / Director: _____