



## LG Chem Ltd.

LG Twin Tower 20 Yoido-dong  
Youngdungpo-gu, Seoul, Korea.

Certification & Evaluation Team

Tel: 82-42-870-6195, Fax: 82-42-863-0182

If any of pages is not legible or has not been received,  
please notify our office for re-transmission

March 19, 2013

## CERTIFICATE OF COMPLIANCE

The following product has been evaluated according to the 5<sup>th</sup> revised edition of the UN Manual of Tests and Criteria.

We, LG Chem. Ltd hereby certify that this cell meets the requirements of the regulation for transportation of lithium-ion cells and batteries.

Customer Model Name : **AC13F8L**  
Cell Model Name : **ICP426080L1 (1P\*4S)**  
Type of Cell : **Polymer**  
Electric power capacity : **20 Wh**  
Document No. : **QAE-EF02-130319-PKAC13F8L**

Conducted By: Dae Ho Nam

Handwritten signature of Dae Ho Nam in black ink.

Manager

Certification & Evaluation Team

LG Chem. Ltd

E-mail: [kkammy@lgchem.com](mailto:kkammy@lgchem.com)

Reviewed By: Jun-Yong Jeong

Handwritten signature of Jun-Yong Jeong in black ink.

General Manager

Certification & Evaluation Team

LG Chem. Ltd

E-mail: [junyongs@lgchem.com](mailto:junyongs@lgchem.com)

# Test Result

For more information, please refer to Document: QAE-EF02-130319-PKAC13F8L

<input type="checkbox"/> Lithium-ion cell <input checked="" type="checkbox"/> Lithium-ion battery	
Pack Model name	AC13F8L
Cell Model name	ICP426080L1
Nominal voltage	3.75 V
Electric power capacity	20 Wh

No.	Test Item	Criteria	Result	Remark
Test 1	Altitude simulation	-No leakage, venting, disassembly, rupture and no fire. -Measuring mass before/after each test. (If M>5g, less than 0.1%) -Measuring voltage before/after each test. (more than 90%)	Pass	
Test 2	Thermal test		Pass	
Test 3	Vibration		Pass	
Test 4	Shock		Pass	
Test 5	External short circuit	-No disassembly, rupture and fire within six hours of this test. -Max. temperature should not exceed 170°C.	Pass	
Test 6	Impact		Pass	Cell only
Test 7	Overcharge	-No disassembly and fire within seven days of the test.	Pass	Battery only
Test 8	Forced discharge	Only for Cell, not battery.		

Tests through T1-T5 shall be conducted in sequence with the same battery.

We declare that the above-mentioned test is the result of being checked according to UN Test (Manual of Test and Criteria ST/SG/AC.10/11/Rev.5)

We certify that this cell is proved to meet the requirements of each applicable test in the UN Manual of Test and Criteria, Part III, sub-section 38.3

Conducted By: Dae Ho Nam



Manager  
 Certification & Evaluation Team  
 LG Chem. Ltd  
 E-mail: [kkammy@lgchem.com](mailto:kkammy@lgchem.com)

Reviewed By: Jun-Yong Jeong



General Manager  
 Certification & Evaluation Team  
 LG Chem. Ltd  
 E-mail: [junyongs@lgchem.com](mailto:junyongs@lgchem.com)