




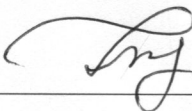
UN TEST REPORT

Test Summary

Report Number.	SDI-UN-230816-01
Date of issue.....	2023.08.16
Test period	2023.08.08 ~ 2023.08.09
Testing Laboratory	Samsung SDI Co., Ltd
Address	467, Beonyeong-ro, Seobuk-gu, Cheonan-si, Chungcheongnam-do, Korea
Contact	+82-41-560-3114 / http://samsungsdi.co.kr/ sm90.yoo @samsung.com
Manufacturer's name	Samsung SDI Co., Ltd
Address	467, Beonyeong-ro, Seobuk-gu, Cheonan-si, Chungcheongnam-do, Korea
Contact	+82-41-560-3114 / http://samsungsdi.co.kr/ sm90.yoo@samsung.com
Test Standard	Manual of Tests and Criteria, section 38.3 Seventh revised edition Amendment 1
Physical description.....	Mobile phone battery
Assembled Battery Testing Requirements.....	Not Applicable
Description.....	Lithium ion battery (1 S - 1 P)
Model Name	EB-BA156ABY
Ratings	3.85V 4900mAh (18.87 Wh) Mass 68.50 ± 3.430 g

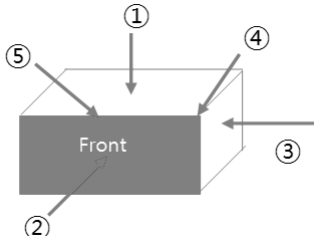
Test Result

No.	Test item	Result	Remark
T-1	Altitude	PASS	T1~6, T8 refer to component cell test results Cell Model name : PGF526486A
T-2	Thermal Cycling	PASS	
T-3	Vibration	PASS	
T-4	Shock	PASS	
T-5	External Short Circuit	PASS	
T-6	Impact / Crush	PASS	
T-7	Overcharge	PASS	
T-8	Forced Discharge	PASS	



	Name	position	Signature	Date
Reported by	PARK DAE JUN	Engineer		2023.08.16
Approved by	Jung Min Gyu	Principal Engineer		2023.08.16

T7	OVERCHARGE	Results
Requirements	Rechargeable batteries meet this requirement if there is no disassembly and no fire during the test and within seven days after the test.	<input checked="" type="checkbox"/> No disassembly, <input checked="" type="checkbox"/> no rupture, <input checked="" type="checkbox"/> no fire during the test and within seven days after the test. See below table

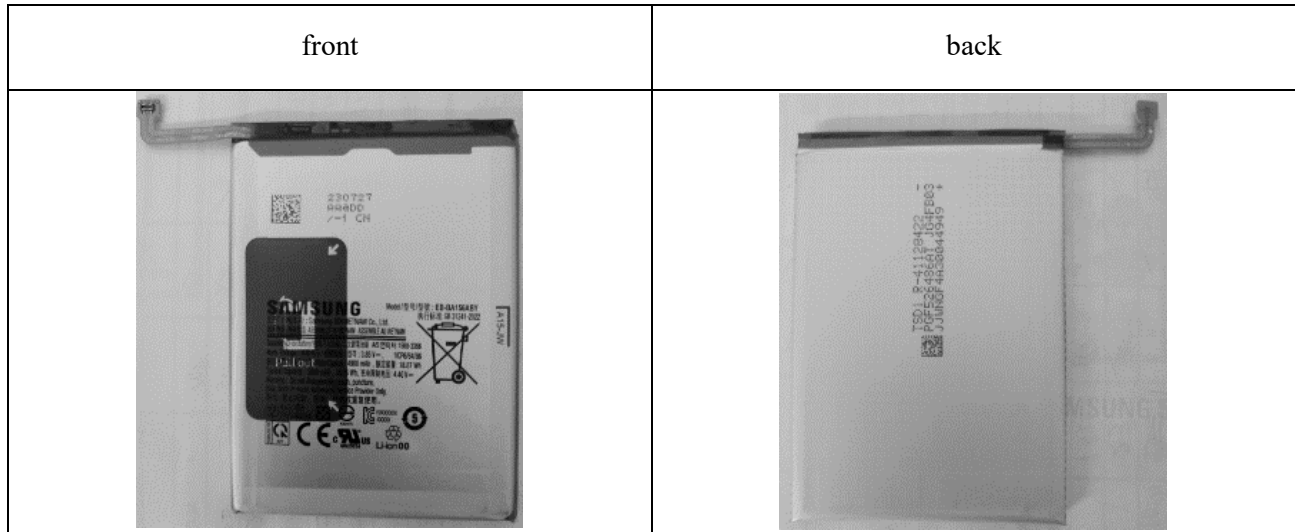
Sample No.	Sample Condition	Voltage Before Test(V)	Test result
T7-1	A	4.335	O
T7-2	A	4.336	O
T7-3	A	4.337	O
T7-4	A	4.334	O
T7-5	B	4.335	O
T7-6	B	4.332	O
T7-7	B	4.332	O
T7-8	B	4.332	O
<input type="checkbox"/> Supplementary Information: Sample Condition A : at first cycle, in fully charged states(4 pcs) Sample Condition B : after 25th cycles ending in fully charged states(4 pcs) Test result : O-No Disassembly, No Fire / D-Disassembly / F-Fire <input type="checkbox"/> Test Conditions Charge voltage : 8.8V, Charge current : 6.560A, Test time : 24Hr			

P1	Package Drop Test	Results
Procedure	<p>IATA Dangerous Goods Regulations Each package must be capable of withstanding a 1.2m drop test in any orientation</p> 	<p><input checked="" type="checkbox"/> Without damage to cells or batteries contained therein, <input checked="" type="checkbox"/> Without shifting of the contents so as to allow battery to battery(or Cell to cell) contact. <input checked="" type="checkbox"/> Without release of contents</p> <p>See below photo</p>

Battery Qty per box	Battery weight (kg)	Net weight per box (kg)
132	0.067279	8.880828

	Before Test	After Test
Weight (kg)	11.78	11.78
Test result		

Sample Photo



- End of Report -