

## NCT CO., LTD.

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# TEST CERTIFICATE

Report reference Number : NR2104-R010

Applicant : SAMSUNG SDI Co., Ltd.

Address of Applicant : 150-20 Gongse-ro, Giheung-gu, Yongin-si, Gyeonggi-do, South Korea

Product Name : M4 MODULE

Model / Type Designation : MS8943E101A

Ratings : 79.86 V d.c, 112 Ah, 8.944 kWh

Test Standard : ST/SG/AC.10/11/Rev.7  
Recommendations on the Transport of Dangerous Goods: Manual of Tests and Criteria, Part III, Sub-Section 38.3 – Lithium metal and lithium ion batteries

Test items and Results :

|           |                        |      |
|-----------|------------------------|------|
| Test T.1: | Altitude simulation    | Pass |
| Test T.2: | Thermal test           | Pass |
| Test T.3: | Vibration              | Pass |
| Test T.4: | Shock                  | Pass |
| Test T.5: | External short circuit | Pass |

Date of Issue : April 14, 2021

We hereby verify that the mentioned sample(s) complied with the requirements in the UN Manual of Tests and Criteria, Part III, Subsection 38.3, Six revised edition, and US DOT 49CFR 173-185.

Authorized Signatory:

Kyung-Hyun, Cha  
Technical Manager, Safety Team

NCT CO., LTD.

