

CERTIFICATE OF APPROVAL

This is to certify that the Information Security Management System of:

**LOTTE ADVANCED MATERIALS CO., LTD.
56 Gosan-ro, Uiwang-si, Gyeonggi, Korea**

has been approved by Lloyd's Register Quality Assurance
to the following Information Security Management System Standards:

ISO/IEC 27001:2013

The Information Security Management System is applicable to:

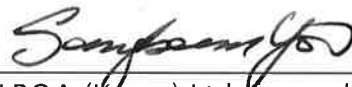
**Information Security management system for IT operation
and R&D for chemical products.
Statement of Applicability, SOA, Version 1.0.**

Approval
Certificate No: SEO 6053518

Original Approval: 12 November 2017

Current Certificate: 12 November 2017

Certificate Expiry: 11 November 2020



Issued by: LRQA (Korea) Ltd. for and on behalf of
Lloyd's Register Quality Assurance Limited



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17th Floor, Singsong Bldg, 67, Yeouinaru-ro, Yeongdeungpo-gu, Seoul, Korea

For and on behalf of LRQA Ltd 1 Trinity Park, Bickenhill Lane, Birmingham, B37 7ES, United Kingdom

This approval is carried out in accordance with the LRQA assessment and certification procedures and monitored by LRQA.

The use of the UKAS Accreditation Mark indicates Accreditation in respect of those activities covered by the Accreditation Certificate Number 001

Macro Revision 15