



April 15, 2022

Dear Valued Customers,

Regarding changes to labelling for our density and refractive index standard liquids,  
as well as a change to calibration certificates.

We would like to express our sincere gratitude for your continued business and support.

KEM produces and supplies standard liquids for use with density meters and refractometers. These standard liquids conform to ISO 17034 as accredited by International Accreditation Japan (IA Japan), an accreditation body established by the National Institute of Technology and Evaluation. We wish to advise you of a change to the terminology used on the labels of our density and refractive index standard liquids, which have been made with the guidance of IA Japan. Additionally, we wish to advise you of a change being made to the content of calibration certificates.

■ Regarding a change to labelling terminology

Since we started production of standard liquids, we have been generating and assigning individual serial numbers to each container of product. However, this doesn't reflect the sampling process performed during production, where sampling is done **per lot** rather than per container, seeing as the content of the standard liquids in any one lot are sufficiently uniform and chemically stable, as judged and determined by measurement results gained by testing with instrumentation that has traceability to the national level. To better reflect our production and calibration processes, it has become necessary to change product identification nomenclature from "serial number" to "lot number", a change that we have put into effect moving forward. Be assured that this change will have zero effect on the quality of our standard liquids.

■ Regarding a change to personal information on calibration certificates

As the main purpose for calibration certificates is to declare that **KEM has performed the calibration process**, it was agreed that the inclusion of the name and address of requesting individuals and/or organizations to be unnecessary, and moreover not particularly desirable, so we will omit this information from the certificates moving forward.

If you have any questions, please feel free to ask us.

Sincerely,

Kyoto Electronics Manufacturing Co., Ltd.

Seiji Sugie  
Manager of laboratory