



## Details of Accredited Scope in Calibration

Accreditation No.0307

Accredited Laboratory

N a m e : Calibration Center, Yokota Keiki Manufacturing Company Limited

Address : 3-7 Akihabara Taito-ku, Tokyo, 110-0006, Japan

Enquiry : Technology and Information Support Division

TEL : +81-3-3251-7088

FAX : +81-3-3251-7084

General Field of Calibration : Density & Refractive Index

Date of Initial Accreditation of the Field : 2013-09-05

Permanent Laboratory/On-site Calibration : Permanent Laboratory

| Type of service                 |   | Calibration scope  | CMC<br>(expanded uncertainty ( $k=2$ )) |
|---------------------------------|---|--|---|
| Solid Density<br>Standard, etc. | Single-crystal Silicon                                  | From 2.000 g/cm <sup>3</sup> up to 3.000 g/cm <sup>3</sup>     | 0.000 1 g/cm <sup>3</sup>               |
|                                 | Solid (including Metal,<br>Glass, etc.)                 | From 3.000 g/cm <sup>3</sup> up to 22.000 g/cm <sup>3</sup>    | 0.002 5 g/cm <sup>3</sup>               |
| Hydrometers                     | Density Hydrometer<br>(Weighing method)                 | From 0.600 g/cm <sup>3</sup> up to 2.000 g/cm <sup>3</sup>     | 0.000 20 g/cm <sup>3</sup>              |
|                                 | Specific Gravity<br>Hydrometers<br>(Weighing method)    | From 0.600 up to 2.000   | 0.000 20                                |
|                                 | Alcohol Hydrometers<br>(Weighing method)                | From 0 vol% up to 100 vol%                                     | 0.10 vol%                               |
|                                 | Baume Hydrometers<br>(heavy scale)<br>(Weighing method) | From 0 degrees Baume (heavy)<br>up to 72 degrees Baume (heavy) | 0.1 degrees Baume (heavy)               |
|                                 | Sake Hydrometers<br>(Weighing method)                   | From -40 Nihonshu-do<br>up to + 30 Nihonshu-do                 | 1 Nihonshu-do                           |