Key comparison CCM.D-K4, EUROMET.M.D-K4, SIM.M.D-K4 and supplementary comparison SIM.M.D-S2

Equivalence Statements

CCM.D-K4
The key comparison CCM.D-K4 was carried out in two "petals". A reference value was calculated for each transfer instrument and petal. The method how to calculate a common key comparison reference value and the reciprocal Degrees of Equivalence is described in Section 3 of the CCM.D-K4 Final Report and in Section 3.2.1 of the Supplement to CCM.D-K4.

The degree of equivalence $D_i$ of each laboratory $i$ with respect to the key comparison reference value is given by a pair of terms: the relative difference $D_i$ and $U_i = 2u_i$, its expanded uncertainty ($k = 2$), both expressed in kg/m$^3$.

EUROMET.M.D-K4
The results of EUROMET.M.D-K4 were linked to CCM.M.D-K4 via the liking institutes INRiM, MKEH and the PTB who participated in both comparisons.

SIM.M.D-K4
The results of SIM.M.D-K4 were linked to CCM.M.D-K4 via the liking institute CENAM who participated in both comparisons.

SIM.M.D-S2
The results of SIM.M.D-S2 were linked to CCM.M.D-K4 via the liking institute INRiM who participated in both comparisons.