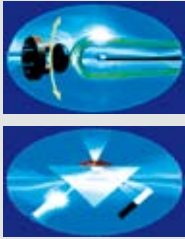


## Traceable Standards

### for improved data security



d

n<sub>D</sub>

#### Two parameters in one

reduce complexity. The combined density and refractive index standards, certified for both parameters, verify both measuring cells of a combined instrument in one simple step. Users of stand-alone instruments benefit greatly as they require fewer reference standard on hand.



#### No manual handling

for improved productivity and greater security of results. The standard reference material comes in vials suitable for direct use on our SC1 and SC30 automation units in order to suit the needs of the majority of our customers – No syringe required! This not only reduces effort but also eliminates contamination errors.



#### Barcode certificates

for a simple and effective verification procedure. All certificate information is coded in one single barcode. Users of METTLER TOLEDO LiQC systems simply scan the barcode and allow the system to do everything else: store certificate information, compare results with set values and even prevent verification with a standard beyond its shelf life.



#### Combined density and refractive index standards

The new combined liquid standard reference materials from METTLER TOLEDO reduce uncertainty, eliminate time-consuming and error prone sample transfer and facilitate fully automatic performance verification – a relief for busy lab managers who feel the constant pressure to comply with ever increasing quality management requirements.

**Keep the auditor happy** by regularly verifying the performance of density and refractive index instruments with certified standards, thus ensuring compliance with quality control standards such as GLP/GMP and ISO 17025.



## Combined Standard Reference Material

Standard Reference Material	Density [g/cm <sup>3</sup> ] at 20°C	Uncertainty <sup>1)</sup> [g/cm <sup>3</sup> ]	Refractive index n <sub>D</sub> at 20°C	Uncertainty <sup>1)</sup> n <sub>D</sub>	Parameters certified at [°C]
Water	0.998..	0.00003	1.333..	0.00002	15, 20 and 25
Dodecane	0.749..	0.00003	1.422..	0.00002	15, 20 and 25
2,4-dichlorotoluene	1.250..	0.00003	1.546..	0.00002	15, 20 and 25
1-bromonaphthalene	1.481..	0.00003	1.658..	0.00002	15, 20 and 25

1) Typical values. May change from lot to lot without prior notice.

### Order Information

	Reference
Water density / refractive index combined standard (9 mL)	51338010
Dodecane density / refractive index combined standard (9 mL)	51338012
2,4-dichlorotoluene density / refractive index combined standard (9 mL)	51338013
1-bromonaphthalene density / refractive index combined standard (9 mL)	51338014
Water density standard (2 x 10 mL), certified at 20°C only, uncertainty (typically) 0.00003 g/cm <sup>3</sup>	51338011
Water density standard (10 x 3 mL, in sachets), certified at 20°C, uncertainty (typically) 0.001 g/cm <sup>3</sup>	51325005



LiQC Multi-Device system with DR45 Combined Meter, SC30 automation unit, SevenEasy™ pH meter and barcode reader Heron-G D130



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