

GRAVIMETRIC CERTIFICATE

General Product Data:

Product Name: ISO 17353 Internal Standard OC, Stock Solution B

Product No.: S-4381-K-ME

Batch Specific Data:

Batch No.: 14 307

Product description:

Compound	Prod.no.	CAS no.	Batch no.	Purity	OC conc.	OTC conc.
Mono-n-heptyltin trichloride	2495.7	59344-47-7	9565	99.2 %	1.02 mg/mL	1.52 mg/mL
Di-n-heptyltin dichloride	2496.14	74340-12-8	11 786	99.1 %	1.00 mg/mL	1.22 mg/mL
Tri-n-propyltin chloride	1989.9	2279-76-7	12 348	98 %	0.98 mg/mL	1.12 mg/mL
Tetra-n-propyltin	2490.12	2176-98-9	12 730	98.6 %	1.00 mg/mL	1.00 mg/mL

The gravimetric concentrations have not been adjusted for compound purities.

OTC – Organotin compound - substance with at least one Sn-C bond

OC – Organotin cation - part of the organotin compound that contains all Sn-C bonds

Solvent: Methanol, Ultra resi-analyzed, Batch 1301112015
Purity: 99.8 %, Density: 0.7914 g/mL

Tolerance: The uncertainty in the preparation of this standard is less than $\pm 5\%$
(maximum combined uncertainty of purity, weights and volumes)

Volume: 1.1 mL

Storage: Dark and cool (Argon flushed)
Before opening allow the standard to reach room temperature

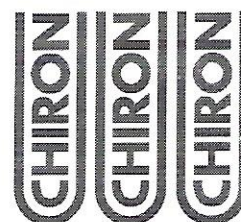
Expiry date: 08 May 2015

All weights and volumes are traceable to NIST

Trondheim, 08 January 2015

Issued by:

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