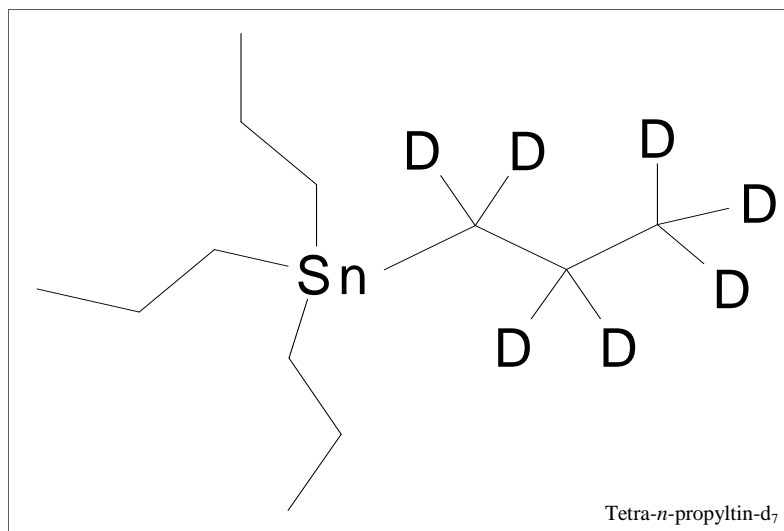


**NEW**

Tetra-*n*-propyltin-d₇ (8554.12-K-IO, 1000 ug/mL in isooctane) Internal standard for organotin chloride analysis



Organotin compounds are widely applied in the industry due to their antibacterial and fungicidal properties. Applications include preservation of wood, textiles, leather and paper, and as disinfectants. Due to their toxicity the use of trialkyltin compounds in marine antifouling paints is restricted. The trialkyltin compounds are partly degraded to the di- and monoalkyltin derivatives.

International standard methods

ISO 17353:2004	Water Quality - Determination of selected organotin compounds - Gas chromatographic method.
ISO/DIS 23161.2:2007	Soil Quality - Determination of selected organotin compounds - Gas chromatographic method.

As a unique source, Chiron offers standards for the derived analytes for use as calibration, in addition to the derivatizing agent and the common trialkyltin chloride pollutants.


PRODUCT OVERVIEW TINORGANICS:

Analyte	Cat. No. as chloride (1000 µg/mL or neat)	Solution in MeOH	Neat	Cat. No. as ethyl derivative (1 mL, 1000 µg/mL)
Mono- <i>n</i> -butyltin trichloride	1983.4	5 mL	1 g	2119.10
Di- <i>n</i> -butyltin dichloride	1982.8	5 mL	1 g	2120.12
Tri- <i>n</i> -butyltin chloride	1981.12	5 mL	1 g	1886.14
Tetra- <i>n</i> -butyltin	2497.16*	1 mL**	1 g	-
Monophenyltin trichloride	1987.6	5 mL	1 g	2118.12
Diphenyltin dichloride	1986.12	5 mL	1 g	2117.16
Triphenyltin chloride	1985.18	5 mL	1 g	1887.20
Mono- <i>n</i> -octyltin trichloride	2487.8	1 mL	1 g	2492.14
Di- <i>n</i> -octyltin dichloride	2488.16	1 mL	1 g	2491.20
Tri- <i>n</i> -octyltin chloride	2695.24	1 mL	100 mg	8553.26
Tricyclohexyltin chloride	2489.18	1 mL	100 mg	2498.20
Internal standards:				
Tri- <i>n</i> -propyltin chloride	1989.9	1 mL	1 g	1955.11
Tetra- <i>n</i> -propyltin	2490.12*	1 mL**	1 g	-
Tetra- <i>n</i> -pentyltin	3956.15*	1 mL**	1 g	-
Tri- <i>n</i> -pentyltin chloride	2050.15	1 mL	1 g	2049.17
Mono- <i>n</i> -heptyltin trichloride	2495.7	1 mL	100 mg	2494.13
Di- <i>n</i> -heptyltin dichloride	2496.14	1 mL	100 mg	2493.18
Deuterated internal standard:				
Tetra- <i>n</i> -propyltin-d7	8554.12*	1 mL**	-	-

* Not as chloride **In isoctane

All tin monochlorides have a limited shelflife of 4 months from date of purchase.

Derivatizing Agent and Kits:

1944.8.1-1G	Sodium tetraethyl borate (Derivatizing agent), 1 g
8555.19-KIT-S	Organotin Analytes + Internal Standards, Solutions Kit (19 compounds, 19 vials, includes 1944.8 as neat)
8555.19-KIT-N	Organotin Analytes + Internal Standards, Neat Kit (19 compounds, 19 vials, includes 1944.8 as neat and 8554.12 in solution)
3726.10-KIT-N	Tin Chlorides Neat Kit I (includes Analytes but not Internal Standards)
8556.14-KIT-S	Tin Chlorides Neat Kit II (includes Internal Standards and Analytes in solution)
8556.14-KIT-N	Tin Chlorides Neat Kit II (includes Internal Standards and Analytes as neat)
2023.14-KIT	Ethyl derivatives Kit, Solutions
2024.33-KIT-S	Organotin Analysis Solutions Kit (includes all the compounds, includes 1944.8 as neat)
2024.33-KIT-N	Organotin Analysis Neat Kit (includes all the compounds, includes 1944.8 as neat)

Derivatizing Agent and Kits:

1944.8.1-1G Sodium tetraethyl borate (Derivatizing agent), 1 g

8555.19-KIT-S Organotin Analytes + Internal Standards, Solutions Kit (19 compounds, 19 vials, includes 1944.8 as neat)