

GRAVIMETRIC CERTIFICATE

General Product Data:

Product Name: Custom PBDE Mixture

Product No.: S-4689-10-IO

Batch Specific Data:

Batch No.: 11 130

Product description:

Compound	Prod.no.	CAS no.	Batch no:	Purity:	Grav. conc.
2,4,4'-Tribromodiphenyl ether	1961.12	41318-75-6	4267	98.1 %	10 µg/ml
2,2',4,4',5-Pentabromodiphenyl ether	1967.12	60348-60-9	7845	99.9 %	10 µg/ml
2,2',4,4',6-Pentabromodiphenyl ether	1968.12	189084-64-8	4268	> 99 %	10 µg/ml
2,2',4,4',5,5'-Hexabromodiphenyl ether	1971.12	68631-49-2	8394	99.9 %	10 µg/ml
2,2',4,4',5,6'-Hexabromodiphenyl ether	1972.12	207122-15-4	8090	99.9 %	10 µg/ml

The gravimetric concentrations have not been adjusted for compound impurities

Solvent: Isooctane, Ultra resi-analyzed, Batch J28J00
Purity: 99.8 %, Density: 0.6919 g/mL

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

Quantity: 1.1 mL

Storage: Dark and cool place
Before opening, allow the standard to reach room temperature

Expiry date: Guaranteed 3 years from date of issue

All weights and volumes are traceable to NIST

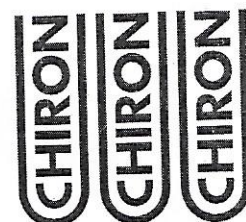
Trondheim, 15 March 2011

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