



July 26 2004

NEW PRODUCTS

**NATIVE CHLORINATED METHOXYBIPHENYLS:
INDIVIDUALS AND SOLUTION/MIXTURES**

**MASS-LABELLED CHLORINATED BIPHENYLOLS AND
METHOXYBIPHENYLS: SOLUTION/MIXTURES**

Hydroxylated PCBs (biphenylols), metabolites of *PCBs*, have been found in human and wildlife blood samples. For example, in one recent study, up to 22 different **hydroxylated PCBs** were detected in samples of blood taken from birds. Some of these metabolites are known to be persistent, with some being linked to certain health concerns.

The determination of **hydroxy-PCBs** levels has typically been achieved via extraction, methylation with diazomethane and subsequent analysis by GC/MS.

In an effort to help further the understanding of the significance of these compounds, **WELLINGTON** is now adding **32 NEW NATIVE CHLORINATED METHOXYBIPHENYLS** to our product line.

In addition, to provide more flexibility in the choice of target analytes, we have also prepared **9 NEW solution/mixtures** of our **native chlorinated methoxybiphenyls** and **1 NEW solution/mixture** each of the **mass-labelled chlorinated biphenylols** and the **mass-labelled chlorinated methoxybiphenyls** in our inventory.

Please be aware that all components of the Solution/Mixtures listed below are available as individual solutions as well.

All of these products are in stock and available for immediate shipping. For pricing information please contact the distributor that serves your area, or by e-mail at info@well-labs.com

Visit our website at www.well-labs.com for listings of all our new products.

NEW NATIVE CHLORINATED METHOXYBIPHENYL SOLUTION/MIXTURES

Catalogue Number	Product (nonane solution)	Qty/Conc
MPCB-MXG	Native Chlorinated Methoxybiphenyl Solution/Mixture	1.2 ml
	2,2',3,4',5'-Pentachloro-4-methoxybiphenyl	4PM97
	2,3,3',4,5,5'-Hexachloro-4'-methoxybiphenyl	4PM159
	2,2',3,4,4',5,5'-Heptachloro-3'-methoxybiphenyl	3PM180
	2,2',3,3',5,5',6,6'-Octachloro-4,4'-dimethoxybiphenyl	4PDM202
		5 µg/ml
		5 µg/ml
		5 µg/ml
		5 µg/ml
MPCB-MXH	Native Chlorinated Methoxybiphenyl Solution/Mixture	1.2 ml
	3,3',4,5,5'-Pentachloro-4'-methoxybiphenyl	4PM127
	2,2',3,3',4,5,5'-Heptachloro-4'-methoxybiphenyl	4PM172
		5 µg/ml
		5 µg/ml
MPCB-MXI	Native Chlorinated Methoxybiphenyl Solution/Mixture	1.2 ml
	2,3,3',4',5,5'-Hexachloro-4-methoxybiphenyl	4M162
	2,3,3',4',5,5',6-Heptachloro-4-methoxybiphenyl	4M193
		5 µg/ml
		5 µg/ml

NEW MASS-LABELLED CHLORINATED METHOXYBIPHENYL SOLUTION/MIXTURE

Catalogue Number	Product (toluene solution)	Qty/Conc
MMPCB-MXA	Mass-Labelled Chlorinated Methoxybiphenyl Solution/Mixture	1.2 ml
	2,4,5-Trichloro-4'-methoxy[¹³ C ₁₂]biphenyl	M4M29
	2,3,4,5-Tetrachloro-4'-methoxy[¹³ C ₁₂]biphenyl	M4M61
	2,3',4,5,5'-Pentachloro-4'-methoxy[¹³ C ₁₂]biphenyl	M4M120
	2,3,3',4,5,5'-Hexachloro-4'-methoxy[¹³ C ₁₂]biphenyl	M4M159
	2,2',3,3',4,5,5'-Heptachloro-4'-methoxy[¹³ C ₁₂]biphenyl	M4M172
	2,2',3,4',5,5',6-Heptachloro-4-methoxy[¹³ C ₁₂]biphenyl	M4M187
		5 µg/ml
		5 µg/ml
		5 µg/ml
		5 µg/ml
		5 µg/ml
		5 µg/ml

NEW MASS-LABELLED CHLORINATED BIPHENYLOL SOLUTION/MIXTURE

Catalogue Number	Product (toluene solution)	Qty/Conc
MHPCB-MXA	Mass-Labelled Chlorinated Biphenylol Solution/Mixture	1.2 ml
	3',4'-Dichloro-4-[¹³ C ₁₂]biphenylol	M4H12
	2',4',5'-Trichloro-4-[¹³ C ₁₂]biphenylol	M4H29
	2',3',4',5'-Tetrachloro-4-[¹³ C ₁₂]biphenylol	M4H61
	2',3,4',5,5'-Pentachloro-4-[¹³ C ₁₂]biphenylol	M4H120
	2',3,3',4',5,5'-Hexachloro-4-[¹³ C ₁₂]biphenylol	M4H159
	2,2',3,3',4',5,5'-Heptachloro-4-[¹³ C ₁₂]biphenylol	M4H172
	2,2',3,4',5,5',6-Heptachloro-4-[¹³ C ₁₂]biphenylol	M4H187
		5 µg/ml
		5 µg/ml
		5 µg/ml
		5 µg/ml
		5 µg/ml
		5 µg/ml

Please note that **WELLINGTON** has changed the naming convention used for the Chlorinated Methoxybiphenyls since production of its 2003/2004 Catalogue.

As well, for previously listed products: **4MB is now 4PM61**
5MB is now 2PM114
4M172 is now 4PM172

