

## PRODUCT UPDATES FROM WELLINGTON LABORATORIES



August 21, 2013

### **NEW PRODUCTS**

# NATIVE/MASS-LABELLED BISPHENOL A & NATIVE BISPHENOL ANALOGUES

Bisphenol A (BPA) is a high production volume chemical with over 8 billion pounds being produced on a global scale annually. Its use in polycarbonate plastics and epoxy resins has resulted in its incorporation into a vast number of consumer products. Concerns have been raised regarding the leaching of residual BPA from packaging and storage containers into food and beverages due to its reported endocrine disrupting effects. Although BPA is the most widely recognized bisphenol on the market, there are a number of analogues that are currently in production to replace it. In fact, recent studies have reported the detection of Bis(4-hydroxyphenyl) sulfone (BPS) and 2,2-Bis(4-hydroxyphenyl)butane (BPB) in canned food products. Due to the structural similarity between BPA and its analogues, it is believed that this family of compounds will exhibit similar environmental behaviour and toxicity. In order to aid researchers in the detection of BPA and BPA analogues in environmental samples, Wellington has produced native and masslabelled standards of Bisphenol A (BPA and MBPA respectively) as well as seven native bisphenol analogues (BPAF, BPAP, BPB, BPF, BPP, BPS, and BPZ).

Catalogue Number	Product (methanol)	Qty	Conc
BPA	2,2-Bis(4-hydroxyphenyl)propane	1.2 ml	50 μg/ml
МВРА	2,2-Bis(4-hydroxy- <sup>13</sup> C <sub>6</sub> -phenyl)propane	1.2 ml	50 μg/ml

Catalogue Number	Product (methanol)	Qty	Conc
BPAF	2,2-Bis(4-hydroxyphenyl)hexafluoropropane	1.2 ml	50 μg/ml
BPAP	4,4'-(1-Phenylethylidene)bisphenol	1.2 ml	50 μg/ml
ВРВ	2,2-Bis(4-hydroxyphenyl)butane	1.2 ml	50 μg/ml
BPF	4,4'-Dihydroxydiphenylmethane	1.2 ml	50 μg/ml
ВРР	4,4'-(1,4-Phenylenediisopropylidene)bisphenol	1.2 ml	50 μg/ml
BPS	Bis(4-hydroxyphenyl) sulfone	1.2 ml	50 μg/ml
BPZ	1,1-Bis(4-hydroxyphenyl)cyclohexane	1.2 ml	50 μg/ml

#### Distributed Throughout Europe and Middle East By-





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## **NATIVE & MASS-LABELLED BISPHENOL A**

## **MBPA**

## **NATIVE BISPHENOL ANALOGUES**









