

PRODUCT UPDATES FROM WELLINGTON LABORATORIES

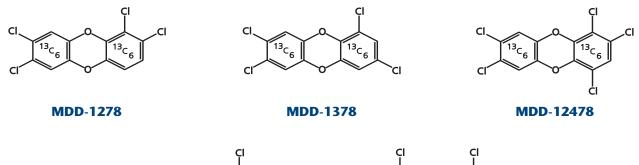
## WELLINGTON Reporter

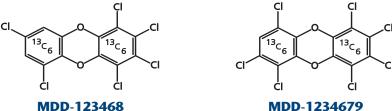
April 30, 2009

## NEW PRODUCTS

## NEW MASS-LABELLED CHLORINATED DIBENZO-p-DIOXINS

Recently, there has been significant interest in reference standards of mass-labelled chlorinated dibenzo-p-dioxins that are not fully substituted in the 2,3,7,8 positions and that do not co-elute with any of the 2,3,7,8-substituted PCDDs on the HRGC columns currently used for PCDD/PCDF analyses. This growing demand has prompted **Wellington** to introduce the following 5 reference standards.





These standards are ideal for use as internal, injection, or recovery standards and allow the analyst to use <sup>13</sup>C-123789-HxCDD as an extraction standard rather than as an internal standard (as specified in some methods). <sup>13</sup>C-1234679-HpCDD is also closer in retention time and mass to the <sup>13</sup>C-OCDD and <sup>13</sup>C-OCDF congeners making it better suited as an internal standard for these compounds than <sup>13</sup>C-123789-HxCDD.

Catalogue Number	Product (toluene solution)	Qty/	Qty/Conc	
MDD-1278	1,2,7,8-Tetrachloro[ <sup>13</sup> C <sub>12</sub> ]dibenzo-p-dioxin	1.2 ml	50 µg/ml	
MDD-1378	1,3,7,8-Tetrachloro[ <sup>13</sup> C <sub>12</sub> ]dibenzo-p-dioxin	1.2 ml	50 µg/ml	
MDD-12478	1,2,4,7,8-Pentachloro[ <sup>13</sup> C <sub>12</sub> ]dibenzo-p-dioxin	1.2 ml	50 µg/ml	
MDD-123468	1,2,3,4,6,8-Hexachloro[ <sup>13</sup> C <sub>12</sub> ]dibenzo-p-dioxin	1.2 ml	50 µg/ml	
MDD-1234679	1,2,3,4,6,7,9-Heptachloro[ <sup>13</sup> C <sub>12</sub> ]dibenzo-p-dioxin	1.2 ml	50 µg/ml	



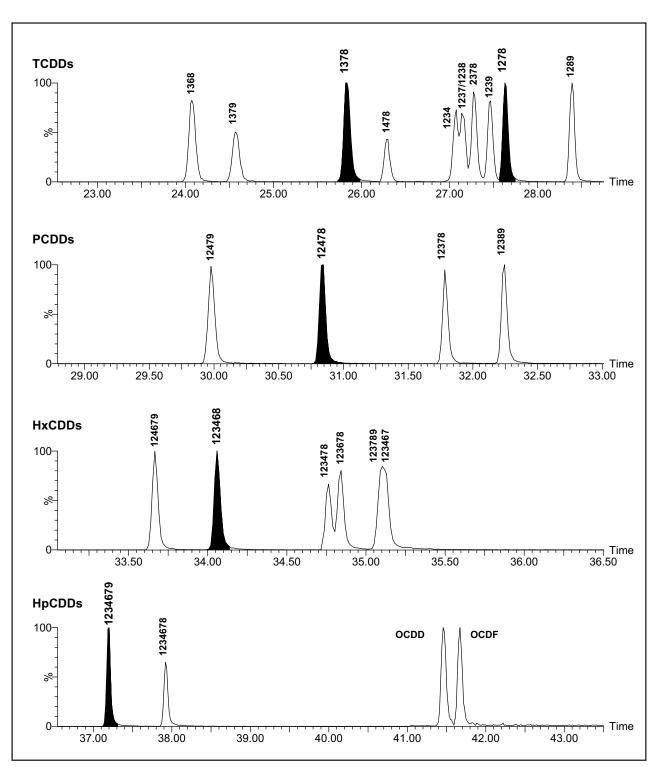


Figure 1: Chromatograms showing the separation of the new mass-labelled non-2,3,7,8 PCDD standards from 2,3,7,8-substituted PCDDs on a 60m DB-5 column.

Please contact your local distributor or <u>info@well-labs.com</u> for pricing and delivery.