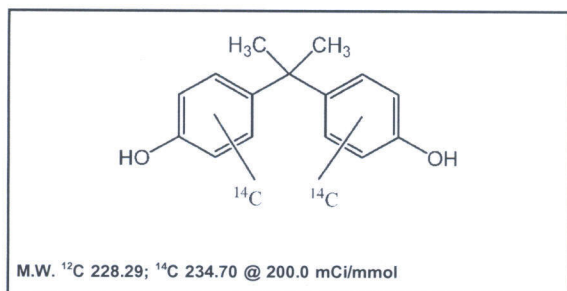




Product Data Sheet

MC-2061

Bisphenol A, [ring¹⁴C(U)]-



Lot #: 165-036-200-A-20080228-HP

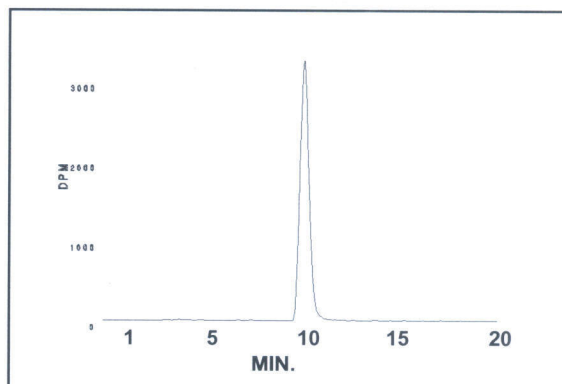
Specific Activity: 200.0 mCi/mmol

Concentration: 0.1 mCi/ml; 117.35 µg/ml

Packaged in: Ethanol solution

Date of Analysis: December 09, 2009

Radiochemical Purity: 99.8%



HPLC ANALYSIS LOT 165-036-200-A-20080228-HP
File Name: int30491 Date and Time: 12/9/2009 11:29:02 A
Unit 3 Radio

Peak #	Area %	Time	Area
1	99.81	10.24000	10506.07824
2	0.04	11.06330	4.29849
3	0.15	11.79670	15.62878
Totals	100.00		10526.00551

Stability and Storage Recommendation: Store at -20°C.

Product Warranty: Stated on the reverse side of this Product Data Sheet.

Caution: Not For Use In Humans Or Clinical Diagnosis. This product is intended for investigational or manufacturing use only. It is pharmaceutically unrefined and is not intended for use in humans. Responsibility for its use in humans, as a diagnostic reagent, and compliance with federal laws rests solely with the purchaser.

MC-2061

Bisphenol A, [ring-¹⁴C(U)]-

Lot 165-036-200-A-20080228-HP

A) All chromatograms were run using the HPLC method described on the Product Data Sheet.

Concentrations and volumes:

Standard solution concentration was 1.0 mg/mL.

Bisphenol A, [ring-¹⁴C(U)]- concentration was 25.0 µCi/mL.

Volume of standard alone injection was 2.5 µL.

Volume of **Bisphenol A, [ring-¹⁴C(U)]-** alone injection was 5.0 µL.

Co-injection solution consisted of 5.0 µL **Bisphenol A, [ring-¹⁴C(U)]-** + 2.5 µL standard.

Volume of co-injection was 7.5 µL.

Volume of blank injection was 5.0 µL.

B) NMR

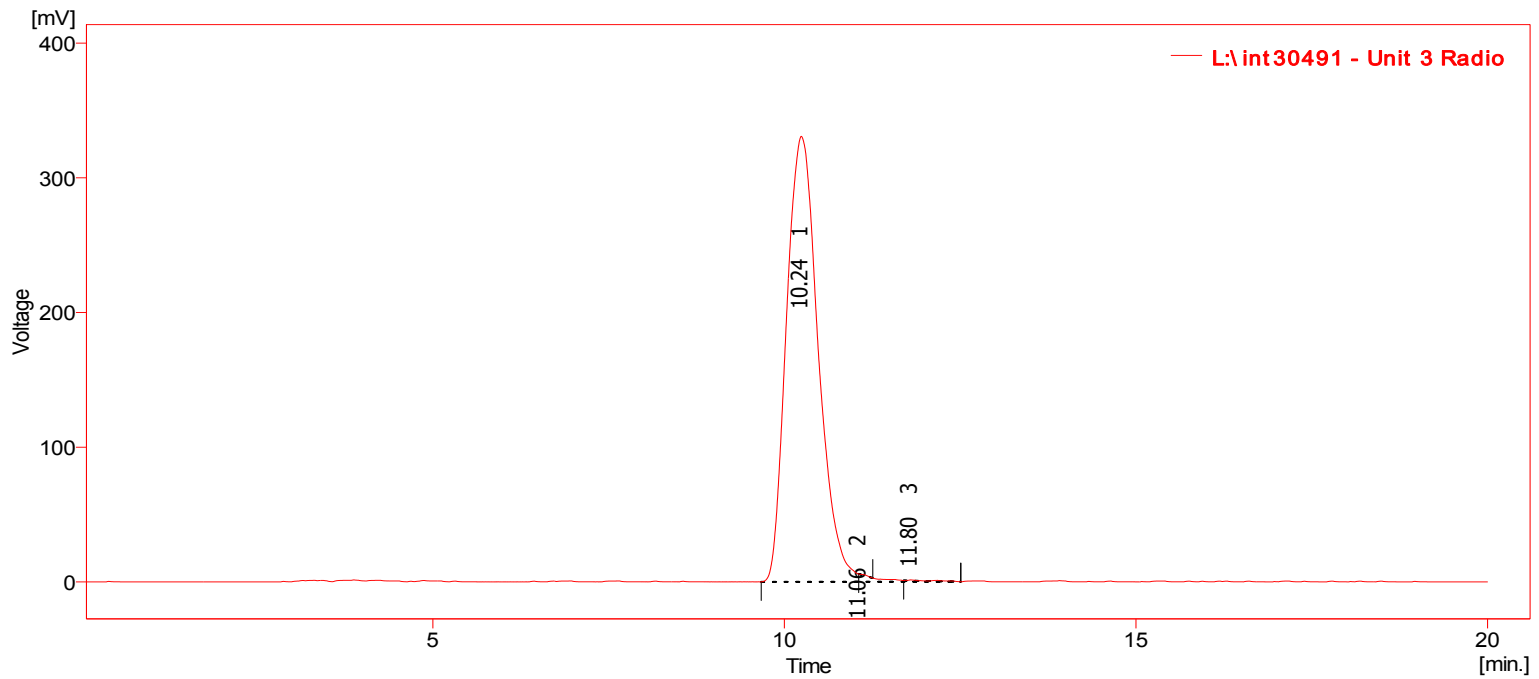
MC-2061
Bisphenol A, [ring-14C(U)]-
Lot 165-036-200-A-20080228-HP

Chromatogram Info:

File Name : L:\int30491 File Created : 5/30/2014 9:17:36 AM
 Origin : Acquired, Acquisition started 12/9/2009 11:09:03 AM Acquired Date : 12/9/2009 11:29:02 AM
 Project : Work1 By : Administrator

Method : unit3-20minrun By : Administrator
 Description : Radiochemical trace of 14C material alone
 Created : 6/26/2007 10:29 AM Modified : 5/30/2014 9:27 AM

Column : Detection : Radiochemical
 Mobile Phase : Temperature :
 Flow Rate : Pressure :
 Note :



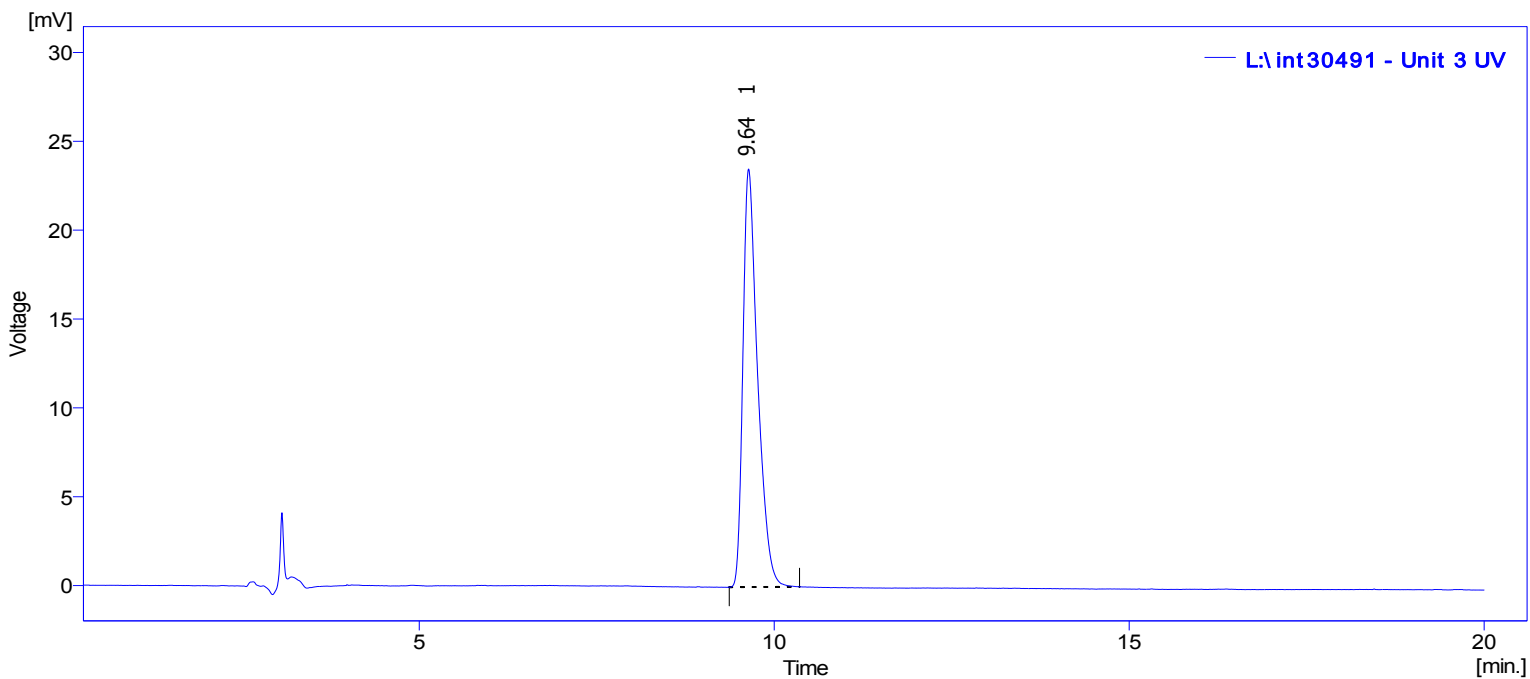
Result Table (Uncal - L:\int30491 - Unit 3 Radio)

	Compound Name	Reten. Time [min]	Area [mV.s]	Height [mV]	Area [%]	Height [%]	W05 [min]	Efficiency [th.pl]	Eff/I [t.p./m]	Resolution [-]	Symmetry/Tailing [-]	Response Factor
1		10.24	10506.078	330.79	99.81	99.8	0.49	2419	48389		2.50	
2		11.06	4.298	0.02	0.04	0.0	0.01	6780813	135616258	1.94	14.75	
3		11.80	15.629	0.65	0.15	0.2	0.11	67760	1355192	7.42	4.03	
	Total		10526.006	331.47	100.00	100.0						

MC-2061
Bisphenol A, [ring-14C(U)]-
Lot 165-036-200-A-20080228-HP

Chromatogram Info:

File Name	: L:\int30491	File Created	: 5/30/2014 9:17:36 AM
Origin	: Acquired, Acquisition started 12/9/2009 11:09:03 AM	Acquired Date	: 12/9/2009 11:29:02 AM
Project	: Work1	By	: Administrator
Method	: unit3-20minrun	By	: Administrator
Description	: UV trace of 14C material alone		
Created	: 6/26/2007 10:29 AM	Modified	: 5/30/2014 9:26 AM
Column	:	Detection	: UV 230nm
Mobile Phase	:	Temperature	:
Flow Rate	:	Pressure	:
Note	:		



Result Table (Uncal - L:\int30491 - Unit 3 UV)

	Compound Name	Reten. Time [min]	Area [mV.s]	Height [mV]	Area [%]	Height [%]	W05 [min]	Efficiency [th.pl]	Eff/I [t.p./m]	Resolution [-]	Symmetry/Tailing [-]	Response Factor
1		9.64	338.586	23.53	100.00	100.0	0.22	10637	212740		1.48	
		Total	338.586	23.53	100.00	100.0						

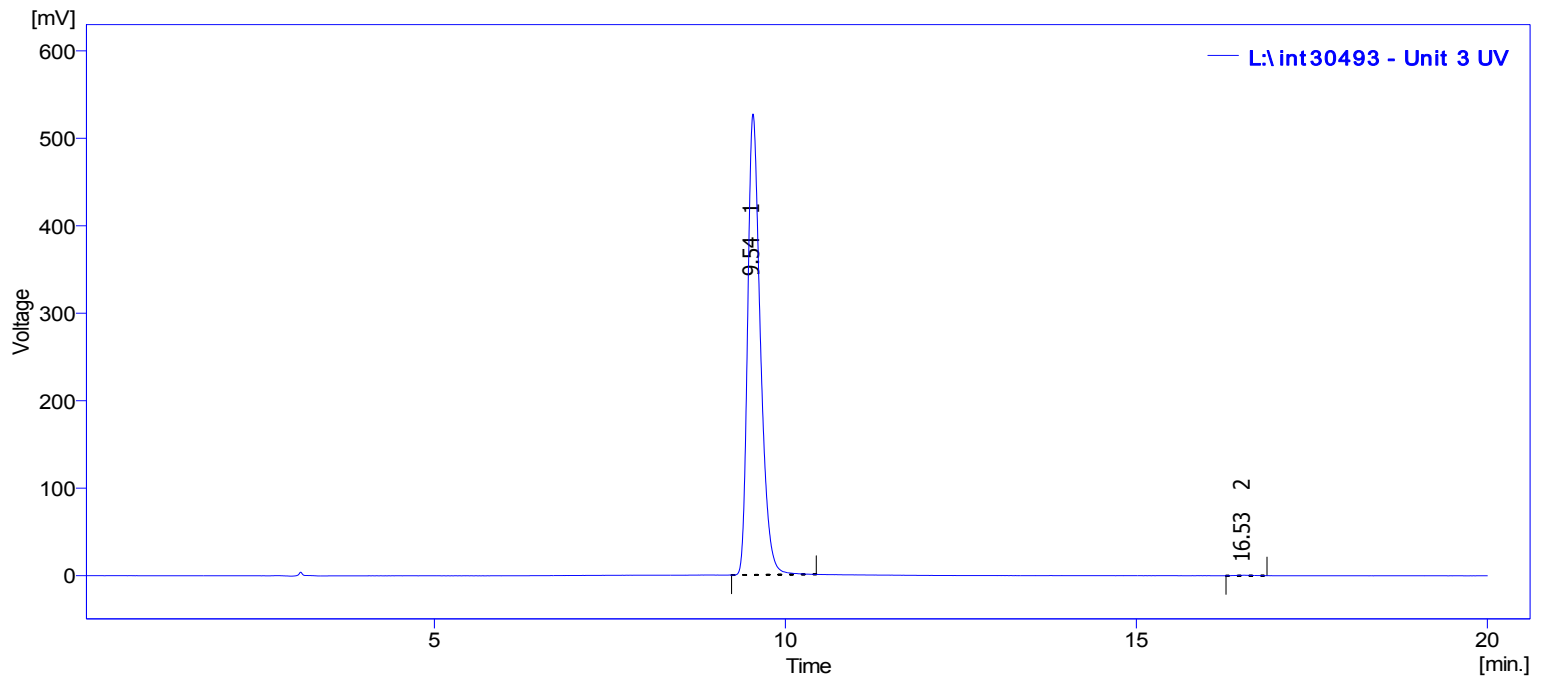
MC-2061
Bisphenol A, [ring-14C(U)]-
Lot 165-036-200-A-20080228-HP

Chromatogram Info:

File Name : L:\int30493 File Created : 5/30/2014 9:17:36 AM
 Origin : Acquired, Acquisition started 12/9/2009 12:21:28 PM Acquired Date : 12/9/2009 12:41:26 PM
 Project : Work1 By : Administrator

Method : unit3-20minrun By : Administrator
 Description : UV trace of standard material alone
 Created : 6/26/2007 10:29 AM Modified : 5/30/2014 9:28 AM

Column : Detection : UV 230nm
 Mobile Phase : Temperature :
 Flow Rate : Pressure :
 Note :



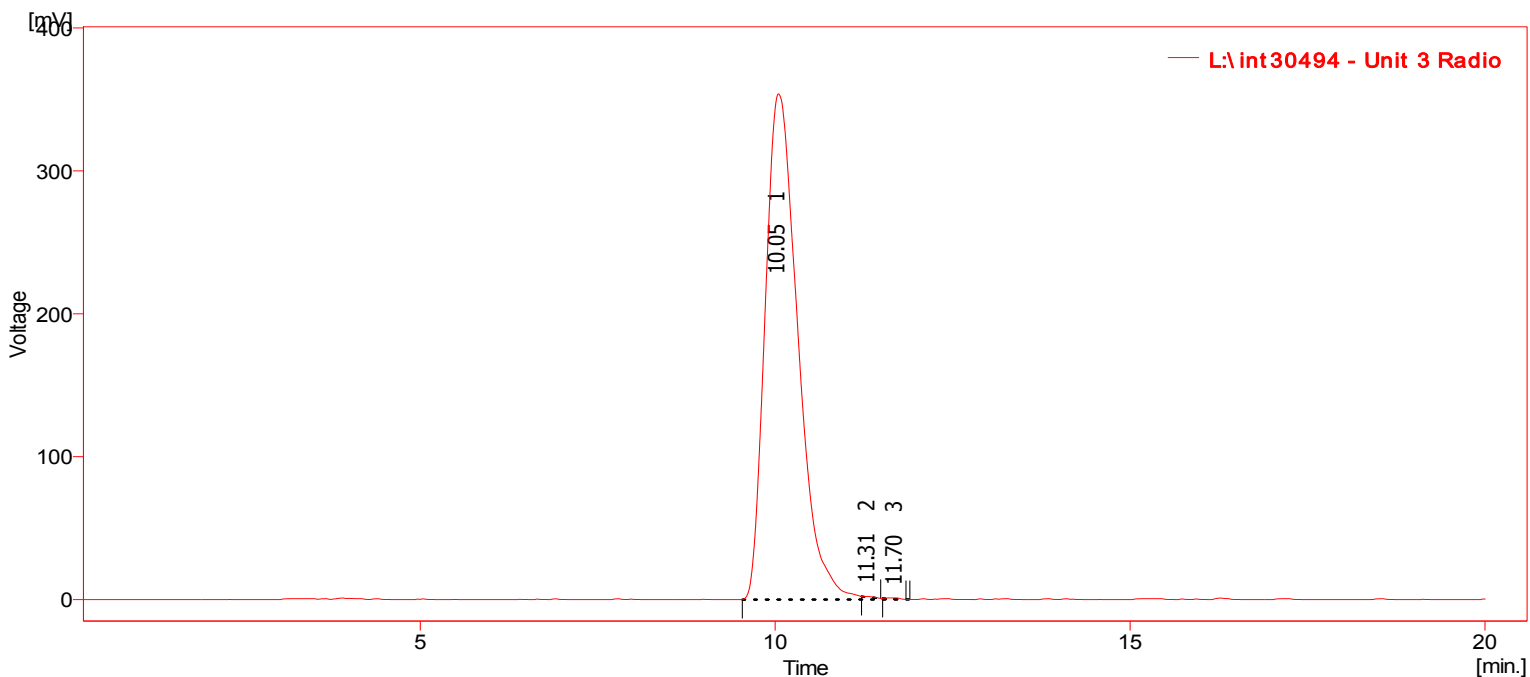
Result Table (Uncal - L:\int30493 - Unit 3 UV)

	Compound Name	Reten. Time [min]	Area [mV.s]	Height [mV]	Area [%]	Height [%]	W05 [min]	Efficiency [th.pl]	Eff/l [t.p./m]	Resolution [-]	Symmetry/Tailing [-]	Response Factor
1		9.54	6658.150	526.94	99.86	99.9	0.19	13489	269788		1.35	
2		16.53	9.018	0.54	0.14	0.1	0.27	20756	415129	17.79	1.19	
		Total	6667.168	527.48	100.00	100.0						

MC-2061
Bisphenol A, [ring-14C(U)]-
Lot 165-036-200-A-20080228-HP

Chromatogram Info:

File Name	: L:\int30494	File Created	: 5/30/2014 9:17:36 AM
Origin	: Acquired, Acquisition started 12/9/2009 12:47:25 PM	Acquired Date	: 12/9/2009 1:07:24 PM
Project	: Work1	By	: Administrator
Method	: unit3-20minrun	By	: Administrator
Description	: Radiochemical trace of 14C material co-injected with standard		
Created	: 6/26/2007 10:29 AM	Modified	: 5/30/2014 9:31 AM
Column	:	Detection	: Radiochemical
Mobile Phase	:	Temperature	:
Flow Rate	:	Pressure	:
Note	:		



Result Table (Uncal - L:\int30494 - Unit 3 Radio)

	Compound Name	Reten. Time [min]	Area [mV.s]	Height [mV]	Area [%]	Height [%]	W05 [min]	Efficiency [th.pl]	Eff/I [t.p./m]	Resolution [-]	Symmetry/Tailing [-]	Response Factor
1		10.05	11348.821	353.83	99.88	99.6	0.50	2267	45337		2.31	
2		11.31	4.791	0.50	0.04	0.1	0.14	37963	759269	2.36	1.34	
3		11.70	8.656	0.76	0.08	0.2	0.24	13159	263173	1.20	0.82	
		Total	11362.267	355.09	100.00	100.0						

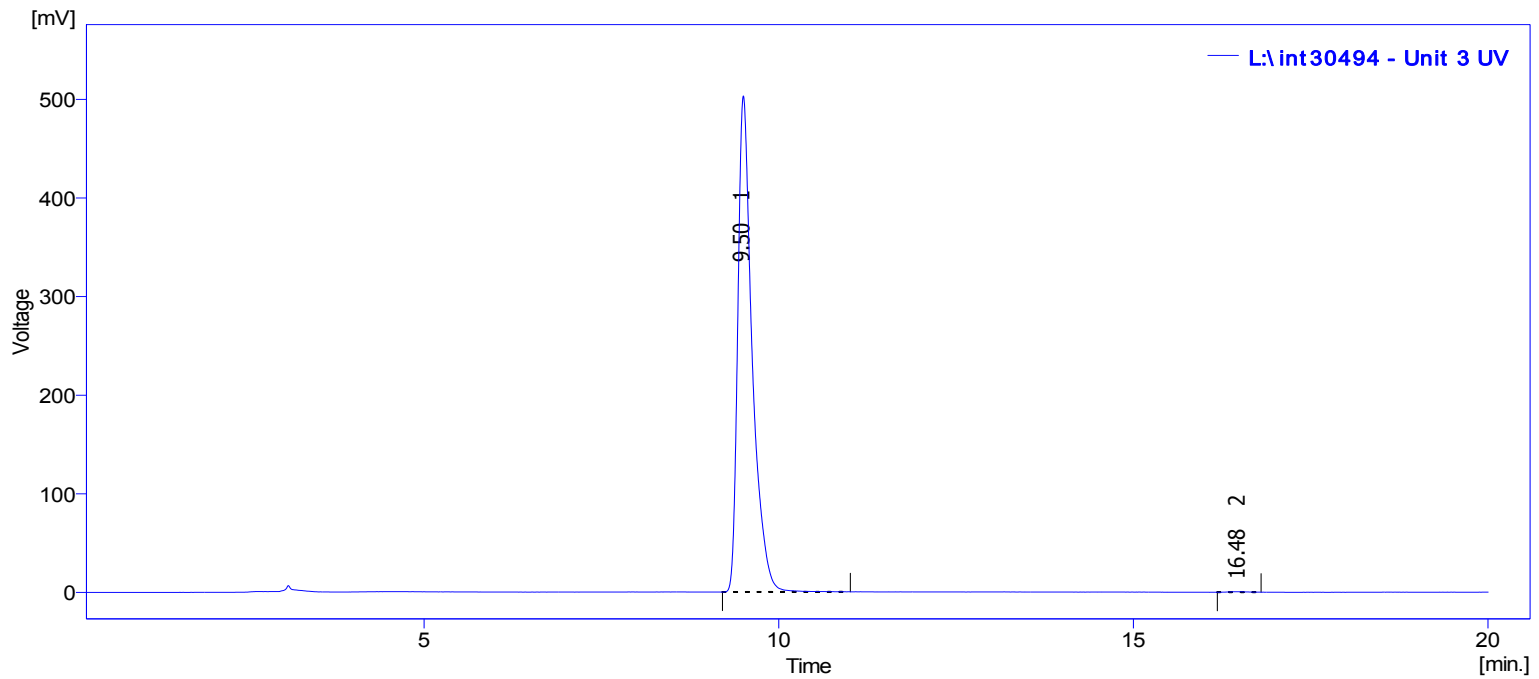
MC-2061
Bisphenol A, [ring-14C(U)]-
Lot 165-036-200-A-20080228-HP

Chromatogram Info:

File Name : L:\int30494 File Created : 5/30/2014 9:17:36 AM
 Origin : Acquired, Acquisition started 12/9/2009 12:47:25 PM Acquired Date : 12/9/2009 1:07:24 PM
 Project : Work1 By : Administrator

Method : unit3-20minrun By : Administrator
 Description : UV trace of 14C material co-injected with standard
 Created : 6/26/2007 10:29 AM Modified : 5/30/2014 9:30 AM

Column : Detection : UV 230nm
 Mobile Phase : Temperature :
 Flow Rate : Pressure :
 Note :



Result Table (Uncal - L:\int30494 - Unit 3 UV)

	Compound Name	Reten. Time [min]	Area [mV.s]	Height [mV]	Area [%]	Height [%]	W05 [min]	Efficiency [th.pl]	Eff/l [t.p./m]	Resolution [-]	Symmetry/Tailing [-]	Response Factor
1		9.50	7110.730	503.09	99.87	99.9	0.20	12093	241863		1.60	
2		16.48	9.055	0.50	0.13	0.1	0.29	17898	357959	16.70	1.04	
	Total		7119.785	503.60	100.00	100.0						

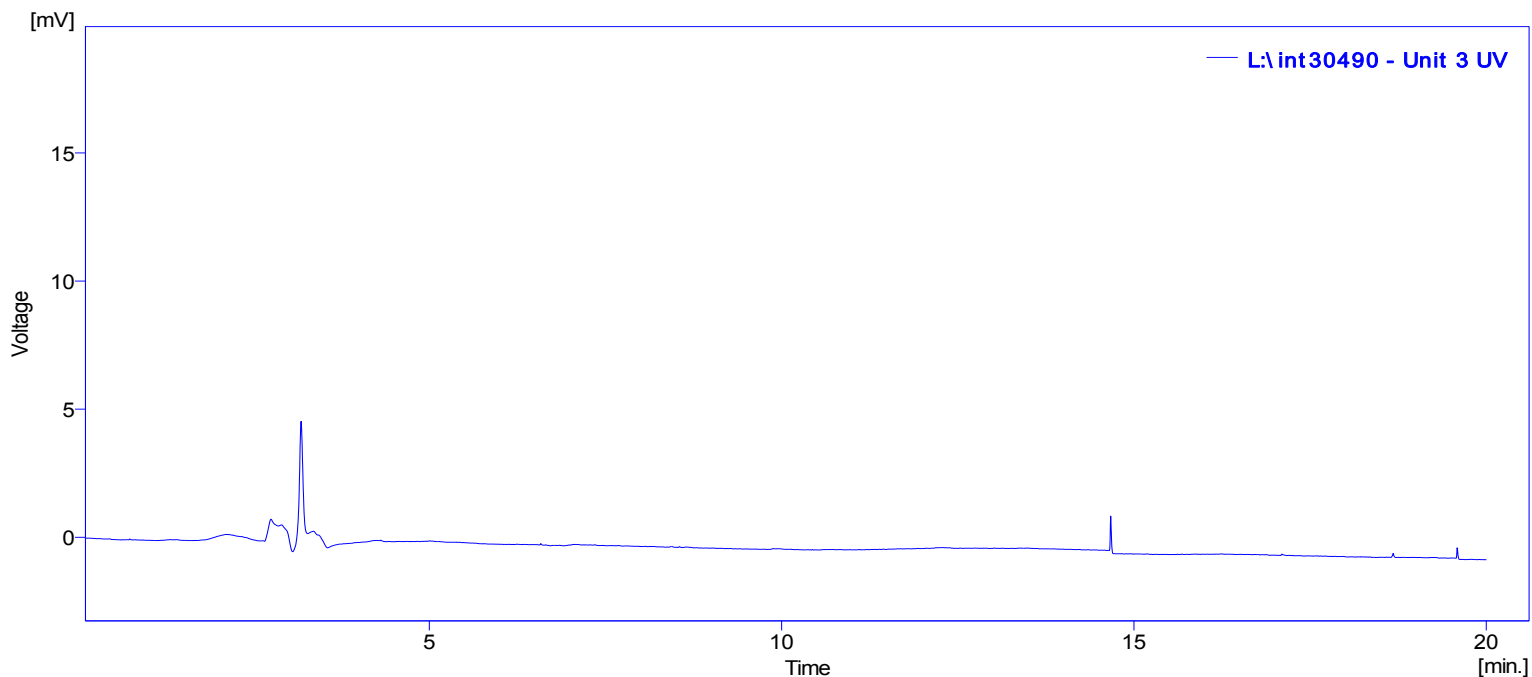
MC-2061
Bisphenol A, [ring-14C(U)]-
Lot 165-036-200-A-20080228-HP

Chromatogram Info:

File Name : L:\int30490 File Created : 5/30/2014 9:17:36 AM
Origin : Acquired, Acquisition started 12/9/2009 10:31:58 AM Acquired Date : 12/9/2009 10:51:57 AM
Project : Work1 By : Administrator

Method : unit3-20minrun By : Administrator
Description : UV trace of blank injection
Created : 6/26/2007 10:29 AM Modified : 5/30/2014 9:31 AM

Column : Detection : UV 230nm
Mobile Phase : Temperature :
Flow Rate : Pressure :
Note :



Result Table (Uncal - L:\int30490 - Unit 3 UV)

Compound Name	Reten. Time [min]	Area [mV.s]	Height [mV]	Area [%]	Height [%]	W05 [min]	Efficiency [th.pl]	Eff/l [t.p./m]	Resolution [-]	Symmetry/Tailing [-]	Response Factor
No peak to report											

MC2061 1H NMR in Acetone-d6
Batch 20080228-HP



7.082
7.072
7.065
7.050
7.042
7.037
7.032
6.755
6.745
6.740
6.738
6.723
6.715
6.711

2.087
2.078
2.071
2.063
2.056
2.049
1.615
1.593

Current Data Parameters
NAME MC2061
EXPNO 1
PROCNO 1

F2 - Acquisition Parameter
Date_ 20081209
Time 15.26
INSTRUM spect
PROBHD 5 mm DUX 3H-1H
PULPROG zg30
TD 65536
SOLVENT Acetone
NS 537
DS 2
SWH 4496.403 Hz
FIDRES 0.068610 Hz
AQ 7.2876530 se
RG 362
DW 111.200 us
DE 6.00 us
TE 300.0 K
D1 1.00000000 se
TD0 1

==== CHANNEL f1 =====
NUC1 1H
P1 10.25 us
PL1 0.00 dB
SF01 300.1318534 MH

F2 - Processing parameters
SI 32768
SF 300.1300000 MH
WDW no
SSB 0
LB 0.00 Hz
GB 0
PC 1.00

