

**Distribution of Radioactivity 72 Hours Following Gavage Administration of [¹⁴C]Bisphenol AF
(34 mg/kg) to Male B6C3F₁/N Mice – Group 9**

Percent of Dose Recovered in Excreta

Sample	Collection Interval (h)	9_01	9_02	9_03	9_04	Mean	SD
Urine	0 to 8	N.S.	N.S.	N.S.	0.48	0.12	0.24
Urine	8 to 24	1.19	2.01	2.26	1.85	1.83	0.46
Urine	24 to 48	2.88	2.63	2.47	2.46	2.61	0.2
Urine	48 to 72 ^a	1.66	1.06	1.52	1.05	1.32	0.31
Cage Rinse	72	3.5	4.7	3.25	4.5	3.99	0.72
-	Subtotal	9.23	10.4	9.50	10.3	9.87	0.59
Feces	0 to 24	13.1	17.4	13.8	10.9	13.8	2.7
Feces	24 to 48	27.9	40.8	43.9	48.6	40.3	8.87
Feces	48 to 72	29.9	11.3	14.3	15.2	17.7	8.32
-	Subtotal	70.9	69.5	72.0	74.7	71.8	1.91
Total	-	80.1	79.9	81.5	85.0	81.6	2.4

Distribution in Tissues (72 h)

Tissue	ng-eq/g Mean	ng-eq/g SD	TBR Mean ^b	TBR SD	Percent Recovery Mean	Percent Recovery SD
Adipose Perirenal ^b	180	-	0.58	0.82	0.015	0.021
Bladder	161	55	1.79	1.98	0.001	0.001
Muscle (hind leg) ^b	BLOQ	-	BLOQ	-	BLOQ	-
Skin (abdominal) ^b	90	28	1.1	0.8	0.034	0.01
Blood ^b	220	230	1	0	0.027	0.03
Plasma ^b	210	160	1.1	0.4	0.014	0.012
Spleen	54	6	0.30	0.20	<0.005	<0.005
Liver	2220	339	18.3	12.7	0.260	0.043
Kidney	340	49	2.96	2.45	0.013	0.003
Brain	15	-	0.1	-	0.001	-
Heart	160	88	0.96	1.1	0.002	0.001
Lung	246	128	1.71	1.06	0.004	0.002
Stomach	3780	3540	26.6	28.7	0.059	0.064
Cecum	6960	3520	63.9	44.2	0.069	0.042
Large Intestine	2040	1370	12.4	7.2	0.039	0.026
Small Intestine	5580	1870	48.3	40.6	0.345	0.125
Thyroid	1870	-	38.3	-	<0.005	-
Testes	BLOQ	-	BLOQ	-	BLOQ	-
Pancreas	158	19	1.49	1.30	0.003	0
Gall Bladder	15500	9680	183	257	0.003	0.002
Total	-	-	-	-	0.868	0.218

Disposition Summary – Percent of Dose Recovered

Sample	9_01	9_02	9_03	9_04	Mean	SD
Urine ^c	5.73	5.7	6.25	5.84	5.88	0.25
Feces	70.9	69.5	72.0	74.7	71.8	1.91
GI Tract Contents	0.00	0.00	0.01	0.00	0.00	0.00
Tissues	0.82	1.08	0.58	0.99	0.87	0.22
Total	77.5	76.3	78.8	81.5	78.5	2.3

N.S. = no sample and N.A.= not applicable; BLOQ=below limit of quantitation. \$Aliquot DPM < 3 x background (ca. 20-30 DPM)
DPM was defined as BLOQ.

^a Includes urine present in bladder at time of sacrifice.

^b Tissue weights for dispersed tissues were calculated based on body weight as follows: adipose 7.0%, muscle 40.4%, skin 19%, blood 7.4%, and plasma 4.3%.

^c Includes cage rinse and urine present in bladder at time of sacrifice.