

**Distribution of Radioactivity 72 Hours Following Gavage Administration of [¹⁴C]Bisphenol AF
(34 mg/kg) to Female B6C3F1/N Mice – Group 11**

Percent of Dose Recovered in Excreta

Sample	Collection Interval (h)	11_01	11_02	11_03	11_04	Mean	SD
Urine	0 to 8	N.S.	N.S.	N.S.	N.S.	0	0
Urine	8 to 24	4.89	1.72	7.04	N.S.	3.41	3.15
Urine	24 to 48	10.4	1.93	9.07	0.99	5.6	4.82
Urine	48 to 72 ^a	4.38	2.81	2.03	0.91	2.53	1.46
Cage Rinse	0 to 72	11	17.7	9.63	9.31	11.9	3.93
-	Subtotal	30.7	24.2	27.8	11.2	23.5	8.59
Feces	0 to 24	10.3	21.2	9.49	20.6	15.4	6.37
Feces	24 to 48	16.1	14.8	23.9	32.4	21.8	8.13
Feces	48 to 72	19.1	18.6	17.3	9.44	16.1	4.51
-	Subtotal	45.5	54.6	50.7	62.4	53.3	7.1
Total	-	76.2	78.8	78.5	73.7	76.8	2.37

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	470	-	0.467	0.808	0.029	0.05
Bladder	800	830	3.8	6.7	0.002	0.003
Muscle (hind leg) ^b	56	30	0.15	0.17	0.050	0.026
Skin (abdominal) ^b	440	320	1.2	0.9	0.177	0.136
Blood ^b	870	1300	1	0	0.099	0.144
Plasma ^b	1240	2010	1.3	0.5	0.080	0.128
Spleen	300	180	0.34	0.26	0.001	0.001
Liver	3690	823	13.5	10.5	0.393	0.047
Kidney	869	349	2.88	2.10	0.033	0.013
Brain	78	87	0.091	0.057	0.005	0.006
Heart	170	120	0.43	0.25	0.003	0.002
Lung	675	502	1.74	1.33	0.013	0.01
Stomach	2050	1820	4.26	1.94	0.031	0.025
Cecum	7070	1730	31.4	26.3	0.078	0.032
Large Intestine	2490	1440	9.18	6.78	0.068	0.048
Small Intestine	7250	2400	25.7	18.5	0.526	0.221
Thyroid	310	-	0.112	-	<0.005	-
Ovaries	540	-	1.6	-	<0.005	-
Pancreas	610	460	1.5	1.1	0.012	0.009
Uterus	850	160	3.1	2.3	0.010	0.001
Gall Bladder	10300	10400	35.6	38.0	0.002	0.002
Total	-	-	-	-	1.58	0.603

Disposition Summary – Percent of Dose Recovered

Sample	11_01	11_02	11_03	11_04	Mean	SD
Urine ^c	30.7	24.2	27.8	11.2	23.5	8.59
Feces	45.5	54.6	50.7	62.4	53.3	7.1
GI Tract Contents	3.62	2.74	0.98	2.77	2.53	1.11
Tissues	2.25	1.43	0.82	1.80	1.58	0.60
Total	82.0	82.9	80.3	78.2	80.9	2.1

N.S. = no sample and N.A.= not applicable !

^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.