

**Distribution of Radioactivity 24 Hours Following Gavage Administration of [¹⁴C]Bisphenol AF
(34 mg/kg) to Male Harlan Sprague Dawley Rats – Group 4**

Percent of Dose Recovered in Excreta

Sample	Collection Interval (h)	4-01	4-02	4-03	4-04	Mean	SD
Urine	0 to 8	0.14	0.09	0.07	0.06	0.09	0.04
Urine	8 to 24	0.14	0.26	0.3	0.35	0.26	0.09
Cage Rinse	24	5.32	2.94	0.71	2.64	2.9	1.89
-	Subtotal	5.6	3.29	1.08	3.05	3.26	1.85
Feces	0 to 24	57.1	32.7	12.5	31.3	33.4	18.3
Total	-	62.7	36	13.6	34.4	36.7	20.1

Distribution in Tissues (24 h)

Tissue	ng-eq/g Mean	ng-eq/g SD	TBR Mean	TBR SD	Percent Recovery Mean	Percent Recovery SD
Adipose Perirenal ^b	1490	1650	1.05	0.78	0.298	0.329
Bladder	1390	1530	1.11	0.80	0.002	0.002
Muscle (hind leg) ^b	222	159	0.212	0.034	0.253	0.178
Skin (abdominal) ^b	516	390	0.482	0.099	0.279	0.208
Blood ^b	1040	716	1	-	0.220	0.150
Plasma ^b	1930	1350	1.81	0.12	0.237	0.164
Spleen	785	995	0.59	0.45	0.006	0.007
Liver	11200	7790	11.7	3.5	1.25	0.82
Kidney	2740	1900	2.70	0.41	0.063	0.044
Brain	180	150	0.17	0.05	0.004	0.003
Heart	550	367	0.545	0.072	0.007	0.004
Lung	1090	730	1.06	0.09	0.019	0.012
Stomach	10600	8560	18.5	26.2	0.169	0.144
Cecum	73700	34400	99.6	57.7	0.539	0.274
Large Intestine	26400	12600	35.6	20.8	0.485	0.237
Small Intestine	77200	59200	81.3	30.4	2.98	1.89
Thyroid	480	270	0.52	0.142	<0.005	<0.005
Testes	372	257	0.367	0.065	0.014	0.009
Pancreas	2490	2380	2.16	1.05	0.044	0.042
Total	-	-	-	-	6.86	4.07

Disposition Summary – Percent of Dose Recovered

Sample	4-01	4-02	4-03	4-04	Mean	SD
Urine ^c	5.60	3.29	1.08	3.05	3.26	1.85
Feces	57.1	32.7	12.5	31.3	33.4	18.3
GI Tract Contents	22.4	40.5	59.7	42.2	41.2	15.2
Tissues	3.12	4.13	12.0	8.17	6.86	4.07
Total	88.2	80.6	85.3	84.7	84.7	3.1

^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.