Distribution of Radioactivity 72 Hours Following Gavage Administration of [^{14}C]Bisphenol AF (3.4 mg/kg) to Male Harlan Sprague Dawley Rats – Group 3

Percent of Dose Recovered in Excreta

Sample	Collection Interval (h)	3-01	3-02	3-03	3-04	Mean	SD
Urine	0 to 8	0.12	0.11	0.06	0.12	0.10	0.03
Urine	8 to 24	0.29	0.33	0.24	0.17	0.26	0.07
Urine	24 to 48	0.13	0.22	0.12	0.15	0.16	0.05
Urine	48 to 72[a]	0.08	0.05	0.03	0.05	0.05	0.02
Cage Rinse	72	0.83	0.67	1.38	0.36	0.81	0.43
-	**Subtotal**	**1.45**	**1.38**	**1.83**	**0.85**	**1.38**	**0.40**
Feces	0 to 24	39.9	25.4	24.8	40.9	32.8	8.85
Feces	24 to 48	33.4	46.3	44.3	31.8	39	7.41
Feces	48 to 72	6.61	8.38	9.14	7.91	8.01	1.06
-	**Subtotal**	**79.9**	**80.1**	**78.2**	**80.6**	**79.7**	**1.04**
Total	**-**	**81.4**	**81.5**	**80.0**	**81.5**	**81.1**	**0.7**

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]	BLOQ	-	BLOQ	-	BLOQ	-
Bladder	2.0	1.3	0.78	0.33	<0.005	<0.005
Muscle (hind leg)[b]	BLOQ	-	BLOQ	-	BLOQ	-
Skin (abdominal)[b]	2.2	0.7	0.84	0.52	0.012	0.004
Blood[b]	2.5	1.2	1	-	0.005	0.003
Plasma[b]	2	2	0.71	0.46	0.003	0.003
Spleen	1.9	0.3	0.78	0.29	<0.005	<0.005
Liver	108	24.4	47.1	13.0	0.128	0.027
Kidney	21.0	7.3	8.89	1.85	0.005	0.002
Brain	BLOQ	-	BLOQ	-	BLOQ	-
Heart	1.3	0.6	0.53	0.09	<0.005	<0.005
Lung	2.9	1.5	1.2	0. 3	<0.005	<0.005
Stomach	15.9	17.4	3.12	3.19	0.003	0.002
Cecum	114	62	44.3	13.0	0.01	0.009
Large Intestine	27.7	11.7	11.2	3.2	0.005	0.002
Small Intestine	75.1	59.9	28	18	0.037	0.037
Thyroid	BLOQ	-	BLOQ	-	BLOQ	-
Testes	1.18[d]	-	0.28	-	<0.005	-
Pancreas	1.90	0.67	0.82	0.27	<0.005	<0.005
Total	**-**	**-**	**-**	**-**	**0.202**	**0.087**

Disposition Summary – Percent of Dose Recovered

Sample	3-01	3-02	3-03	3-04	Mean	SD
Urine[c]	1.45	1.38	1.83	0.85	1.38	0.40
Feces	79.9	80.1	78.2	80.6	79.7	1.04
GI Tract Contents	0.21	1.02	1.07	0.67	0.74	0.4
Tissues	0.121	0.325	0.185	0.178	0.202	0.087
Total	**81.7**	**82.8**	**81.3**	**82.3**	**82.0**	**0.68**

[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.

[d] Only one rat was above LOQ.

BLOQ=below limit of quantitation. Aliquot DPM < 3 x background (ca. 20-30 DPM) DPM was defined as BLOQ.