Distribution of Radioactivity 72 Hours Following Intravenous Administration of [^{14}C]Bisphenol AF (34 mg/kg) to Female Harlan Sprague Dawley Rats – Group 7

Percent of Dose Recovered in Excreta[†]

Sample	Collection Interval (h)	7-01	7-02	7-03	Mean[†]	SD
Urine	0 to 8	2.26	2.24	1.29	1.93	0.55
Urine	8 to 24	2.15	2.71	1.89	2.25	0.42
Urine	24 to 48	0.98	1.14	1.88	1.33	0.48
Urine	48 to 72[a]	0.39	0.59	0.96	0.65	0.29
Cage Rinse	0 to 72	1.57	1.33	2.26	1.72	0.48
-	**Subtotal**	**7.35**	**8.01**	**8.28**	**7.88**	**0.48**
Feces	0 to 24	56.7	34.6	42.4	44.5	11.2
Feces	24 to 48	13.3	32.2	26.2	23.9	9.66
Feces	48 to 72	0.94	4.03	3.71	2.89	1.7
-	**Subtotal**	**70.9**	**70.8**	**72.3**	**71.3**	**0.83**
Total	**-**	**78.3**	**78.8**	**80.6**	**79.2**	**1.2**

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	42	-	0.77	-	<0.005	-
Muscle (hind leg)[b]	BLOQ	-	BLOQ	-	BLOQ	-
Skin (abdominal)[b]	37	-	0.57	-	0.021	N.A.
Blood[b]	61	5	1	0	0.013	0.001
Plasma[b]	30	1	0.50	0.06	0.004	<0.005
Spleen	135	12	2.26	0.40	0.001	<0.005
Liver	346	54	5.69	0.42	0.042	0.004
Kidney	203	25	3.37	0.43	0.005	0.001
Brain	BLOQ	-	BLOQ	-	BLOQ	-
Heart	47	1	0.78	0.09	0.001	<0.005
Lung	116	8	1.94	0.32	0.002	<0.005
Stomach	BLOQ	-	BLOQ	-	BLOQ	-
Cecum	240	222	3.87	3.35	0.003	0.003
Large Intestine	118	84	1.93	1.26	0.002	0.002
Small Intestine	171	73	2.82	1.09	0.008	0.005
Thyroid	BLOQ	-	BLOQ	-	BLOQ	-
Ovaries	163	4	2.7	0.2	<0.005	<0.005
Pancreas	52	3	0.87	0.08	0.001	<0.005
Uterus	55	13	0.94	0.33	<0.005	<0.005
Total	**-**	**-**	**-**	**-**	**0.088**	**0.027**

Disposition Summary – Percent of Dose Recovered

Sample	7-01	7-02	7-03	Mean	SD
Urine[c]	7.35	8.01	8.28	7.88	0.48
Feces	70.9	70.8	72.3	71.3	0.84
GI Tract Contents	0.08	0.24	0.16	0.16	0.08
Tissues	0.073	0.119	0.073	0.088	0.027
Total	**78.4**	**79.2**	**80.8**	**79.5**	**1.2**

[†] N=3 for this study. Subject 7-04 was found to have retained approximately 14% of the dose in tail, indicating that the dose was not properly administered intravenously, so data from this rat are not reported.

[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.

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