

TABLE J4
Contaminant Levels in NTP-2000 Rat and Mouse Ration^a

	Mean ± Standard Deviation ^b	Range	Number of Samples
Contaminants			
Arsenic (ppm)	0.20 ± 0.039	0.14 – 0.28	17
Cadmium (ppm)	0.05 ± 0.004	0.04 – 0.06	17
Lead (ppm)	0.21 ± 0.027	0.07 – 1.19	17
Mercury (ppm)	<0.02		17
Selenium (ppm)	0.17 ± 0.024	0.10 – 0.20	17
Aflatoxins (ppb)	<5.00		17
Nitrate nitrogen (ppm) ^c	18.76 ± 9.49	10.0 – 45.9	17
Nitrite nitrogen (ppm) ^c	0.61		17
BHA (ppm) ^d	<1.0		17
BHT (ppm) ^d	<1.0		17
Aerobic plate count (CFU/g)	<10.0		17
Coliform (MPN/g)	3.0		17
<i>Escherichia coli</i> (MPN/g)	<10		17
<i>Salmonella</i> (MPN/g)	Negative		17
Total nitrosoamines (ppb) ^e	9.2 ± 5.55	0.0 – 19.9	17
<i>N</i> -Nitrosodimethylamine (ppb) ^e	1.3 ± 1.04	0.0 – 3.0	17
<i>N</i> -Nitrosopyrrolidine (ppb) ^e	8.0 ± 5.02	0.0 – 18.6	17
Pesticides (ppm)			
α-BHC	<0.01		17
β-BHC	<0.02		17
γ-BHC	<0.01		17
δ-BHC	<0.01		17
Heptachlor	<0.01		17
Aldrin	<0.01		17
Heptachlor epoxide	<0.01		17
DDE	<0.01		17
DDD	<0.01		17
DDT	<0.01		17
HCB	<0.01		17
Mirex	<0.01		17
Methoxychlor	<0.05		17
Dieldrin	<0.01		17
Endrin	<0.01		17
Telodrin	<0.01		17
Chlordane	<0.05		17
Toxaphene	<0.10		17
Estimated PCBs	<0.20		17
Ronnel	<0.01		17
Ethion	<0.02		17
Trithion	<0.05		17
Diazinon	<0.10		17
Methyl chlorpyrifos	0.16 ± 0.179	0.02 – 0.686	17
Methyl parathion	<0.02		17
Ethyl parathion	<0.02		17
Malathion	0.117 ± 0.140	0.02 – 0.585	17
Endosulfan I	<0.01		17
Endosulfan II	<0.01		17
Endosulfan sulfate	<0.03		17

^a All samples were irradiated. CFU=colony-forming units; MPN=most probable number; BHC=hexachlorocyclohexane or benzene hexachloride

^b For values less than the limit of detection, the detection limit is given as the mean.

^c Sources of contamination: alfalfa, grains, and fish meal

^d Sources of contamination: soy oil and fish meal

^e All values were corrected for percent recovery.