

700266

SUMMARY REPORT - CHEMICAL ANALYSES Center for Human Radiobiology

Name: _____ Case No. 40.003 Sample No. 04
Event: EXCRETION Time, Date 0800 9/15 - 0800 9/16/73 Mean Time, Date 0000, 6-15/73
Sample Description: FRESH URINE
Collected at: UNIV. OF ROCHESTER Other Information
Sample Size (Unit): 1.00 (DAY) Chem Lab. No. 1130
Analyses Requested for: ²³⁸Pu, ²³⁸Pu, ²³⁸Pu

by: Initials/Date RPL / 8-15-73

SUMMARY OF RESULTS (at time of event)

Nuclide, Method of Analysis	Unit	Amount in Whole Sample ± SE	Concentration or Rate ± SE Unit/DAY	Comments and Assumptions	Laboratory Documents	Entered	Checked	Initials and Date
²³⁸ Pu	Pul	pCi 0.051 ± 0.04	0.051 ± 0.04	REANALYZED USING 10X AS ABOVE SAMPLE	RC-28-PS	11-30-73	RPL	RPL 12/21/73
²³⁸ Pu	Pul	pCi 0.0620 ± 0.0051	0.0620 ± 0.0051		RC-29-7-0 P55	2-19-74	RDO	2-19-74 T.F.L 2/28/74

Additional Comments:

REPOSITORY DOE-CHICAGO OPS-CENTER
FOR HUMAN RADIOBIOLOGY
COLLECTION CHR / Plutonium DORS

0002109

BOX No. 2 of 2

CHR Form 11/7/73

FOLDER 40-0A3 Cal-3 TOE NT OUT

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SUMMARY REPORT - CHEMICAL ANALYSES
Center for Human Radiobiology

Name [REDACTED] Case No. 40,003 Sample No. 107
 Event EXCRETION Time, Date 0800 1/6 - 0800 1/19/73 Mean Time, Date _____
 Sample Description FRESH URINE
 Collected at UNIV. OF ROCHESTER Other Information _____
 Sample Size (Unit) 1.00 (DAYS) Chem Lab. No. 1133
 Analyses Requested for: 238Pu by: Initials/Date [REDACTED] / 12-13-73

SUMMARY OF RESULTS (at time of event)

Nuclide, Method of Analysis	Element or Ratio	Unit	Amount in Whole Sample ± SE	Concentration or Rate ± SE Unit/DAY	Comments and Assumptions	Laboratory Documents		Initials and Date	
						Entered	Checked	Entered	To
²³⁸ Pu	Pu	pCi	0.014 ± 0.02	0.014 ± 0.02		RC-28-75	RC-28-75	RPL	1/12
²²⁸ Th	Pu	pCi	1.1 ± 0.2	1.1 ± 0.2	Invalid result 1/12/74 RBK	RC-29-70	RC-29-70	[REDACTED]	12/21/73
						pg 1		[REDACTED]	12/23/74

Additional Comments:

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SUMMARY REPORT - CHEMICAL ANALYSES
Center for Human Radiobiology

Name _____ Case No. 40,003 Sample No. 107
 Event EXCRETION Time, Date 0800 4/19/73 Mean Time, Date _____
 Sample Description FRESH URINE
 Collected at UNIV. OF ROCHESTER Other Information _____
 Sample Size (Unit) 1.00 (DAYS) Chem Lab. No. 1133
 Analyses Requested for: ²³⁸Pu by: Initials/Date RPL / 8-15-73

SUMMARY OF RESULTS (at time of event)

Nuclide, Element or Ratio	Method of Analysis	Amount in Whole Sample ± SE	Concentration or Rate ± SE Unit/DAY	Comments and Assumptions	Laboratory Documents		Initials and Date		
					Entered	Checked	To	CHR File	
²³⁸ Pu	Pu1	0.014 ± 0.02	0.014 ± 0.02		RPL	RPL	RPL	12-3-73	12/21/73
²³⁸ Th	Pu1	1.1 ± 0.2	1.1 ± 0.2		RDO	RDO	RDO	2-17-74	2/25/74

Additional Comments:

0002111

SUMMARY REPORT - CHEMICAL ANALYSES
Center for Human Radiobiology

Name EXCRETION Case No. 40.003 Sample No. 11
 Event EXCRETION Time, Date 0600 1/22 - 0100 1/23/73 Mean Time, Date
 Sample Description FRESH URINE
 Collected at UNIV. OF ROCHESTER Other Information
 Sample Size (Unit) 1.00 (DAYS) Chem Lab. No. 1137
 Analyses Requested for: 238 Pu by: Initials/Date RPL / E-15-73

SUMMARY OF RESULTS (at time of event)

Nuclide, Method of Analysis	Element or Ratio	Unit	Amount in Whole Sample ± SE	Concentration or Rate ± SE Unit/ DAY	Comments and Assumptions	Laboratory Documents	Initials and Date	
							Entered	Checked
<u>238Pu</u>	<u>Pu</u>	<u>pci</u>	<u>0.000 ± 0.02</u>	<u>0.000 ± 0.02</u>		<u>RC-28-PS</u>	<u>RPL</u>	<u>7/74</u>
<u>238Pu</u>	<u>Pu</u>	<u>pci</u>	<u>0.0596 ± 0.0052</u>	<u>0.0596 ± 0.0052</u>	<u>REANALYZED USING 10X 15MM ILL SAMPLE</u>	<u>RC-29-RO P-57</u>	<u>RPL</u>	<u>12-3-73</u>
							<u>RDO</u>	<u>2/19/74</u>
								<u>12/21/73</u>
								<u>2/23/74</u>

Additional Comments:

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HR Form 11/7/73

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