404873

Strontium^{90} in Pandanus Samples collected at Rongelap Atoll - August, 1958

Island	Sample	Sr^{90} d/m per gram[4] dried sample	Sr^{90} d/m per gram wet sample	Ca mg per gram[4] wet sample	Strontium units
Rongelap	Leaves # 1	103±3	29±1	3.84±.03	3406
	Leaves # 2	78±2	22±1	4.95±.22	1966
	Leaves # 3	66±2	18±1	3.07±.11	2715
	Leaves # 8	38±2	11±1	2.85± 0	1667
	Trunk[2] Borings # 2	0	0	3.68± 0	0
	Fruit #22[1]				
Kabelle	Leaves # 7	74±4	21±1	3.26±.01	2869
	Branch # 7	28±1	-	[3] 11.54±.83	1101
	Bark # 7	102±4	-	[3] 6.25±.03	7360
	Fruit # 7[1]				
Eniaetok	Leaves #10	55±2	15±0.5	4.56±.11	1524
	Leaves #11	91±4	25±1	4.37±.06	2611
	Fruit #10[1]				

1) These fruit samples are now being processed and the results will be available later.

2) Limit of detectibility of Sr^{90} in this sample is 46 d/m/g dried sample.

3) These results are in mg of calcium per gram dried sample. Wet sample weights are not available for these samples.

4) Errors for activity values are determined from counting error.

5) Errors for calcium values are standard deviations for replicate analyses.

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