

Strontium⁹⁰ in Pandanus Samples Collected at Rongelap Atoll - March, 1958

| Island | Sample | Sr ⁹⁰ d/m per gram ²⁾ dried sample | Sr ⁹⁰ d/m per gram wet sample | Per gram ³⁾ wet sample mg Ca | Strontium units |
|----------|---------------------------|--|--|---|--------------------|
| Rongelap | Leaves # 14 | 69 [±] 4 | 19 [±] 1 | 3.88 [±] .07 | 2295 |
| | Leaves # 31 | 40 [±] 1 | 11 [±] 1.5 | 4.00 [±] 0 | 1253 |
| | Leaves # 36 | 62 [±] 4 | 17 [±] 1 | 3.86 [±] .02 | 2053 |
| | Leaves # 94 | 51 [±] 3 | 14 [±] 1 | 3.00 [±] 0 | 2132 |
| | Fruit # 88 ¹⁾ | 0 | 0 | 2.44 [±] .13 | 0 |
| Kabelle | Leaves # 65 | 177 [±] 40 | 49 [±] 10 | 6.87 [±] 0.61 | 3239 |
| | Leaves # 75 | 25 [±] 2 | 7 [±] 1 | 3.54 [±] .01 | 896 |
| | Fruit # 88 ¹⁾ | 0 | 0 | 2.96 [±] .05 | 0 |
| Eniaetok | Leaves #104 | 62 [±] 3 | 17 [±] 1 | 5.69 [±] .03 | 1367 |
| | Leaves #114A | 107 [±] 4 | 30 [±] 1 | 3.38 [±] .09 | 3457 |
| | Fruit #107 ¹⁾ | 0 | 0 | 2.83 [±] .01 | 0 |
| | Fruit #114B ¹⁾ | 0 | 0 | 4.51 [±] .05 | 0 |

- 1) Limit of detectability of Sr⁹⁰ in these fruit samples is 2 d/m/g dried sample.
- 2) Errors given for activity values are obtained from counting error.
- 3) Error given for calcium values are standard deviations for replicate analyses.

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