

Strontium⁹⁰ 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 detectability of Sr⁹⁰ 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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