

404874

Summary Table. Cs¹³⁷ in Pandanus Fruit

Island	Date collected	Cs ¹³⁷		Kmg/g wet	Cesium units
		Number per gram samples	wet sample		$\mu\text{C Cs}^{137}$
					gram K
Rongelap	Jan. 1955	1	215		
Rongelap	Oct. 1955	1	112		
Rongelap	July, 1956	1	56		
	(seed end)				
Rongelap	July 1957	1	166		
Rongelap	March 1958	1	154	3.6	14000
Rongelap	Aug. 1958	1	91	1.4	10000
Rongelap	Mar. 1959	5	42 \pm 27*	2.4 \pm 1.5*	13000 \pm 12500*
Kabelle	Mar. 1958	1	266	5.2	23000
Kabelle	Aug. 1958	1	81	0.9	40000
Eniaetok	Mar. 1958	2	172 \pm 88*	5.6 \pm 1.4*	16500 \pm 11500*
Eniaetok	Aug. 1958	1	65	2.3	13000

*Standard Deviation

Cesium-137 in the Jan. 1955 sample was determined by a standard chemical method; cesium-137 in the Oct. 1955 and July 1956 samples by analysis of gamma spectra of the dried filtrate from Sr(NO₃)₂ precipitation; and cesium-137 in the remaining samples by analysis of gamma spectra of dried unashed sample.