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FOLDER NAME	Dr. Leo Meyer (Marshall Island Natives)
NOTES	
FOUND BY	Perry Hall

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R

JNT STD

~~Method~~

+ 832 S 10,100 cpm in 2cc distilled H₂O
 - 31 Bkg
 (S) 10,069 cpm
 + int std (200n) - of $\frac{1}{2500}$ dose
 T 19,056 cpm → this is corrected back to 2cc since the 200n std have caused some quenching

T = 20,142
 T-S = -10,072 ← this activity is from the int std
 the std is 2cc ~~std~~ + 200n ~~int std~~ H₂O
 the counter corrected back to 2cc -
 std 10,408 cpm (all due to int std)

std T $\frac{10,408}{10,042} = 1.036$

(S-T) x 1.036 = 19,431 cpm

$\frac{\text{std cts}}{\text{subject counts}} = \frac{10408}{10431} = 0.998$ x dilution factor of std.

$0.998 \times 25000 = 24950 \text{ cc} = \text{Total Body Water}$
 Convert to Kg $1 \text{ cc} = 0.001 \text{ Kg}$ 24.95 Kg

% H₂O = $\frac{24.95}{46.36} = 53.82$

% Fat = $100 - \frac{46.36}{0.72} = 100 - 64.39 = 35.61\%$

Kg of Fat = 12.22 Kg
 Lean Body WT = 34.14 Kg