QUALITY ASSURANCE

The Quality Assurance (QA) tests include the following: Auto calibration, constancy test, Chi-square, and MDA (Minimum Detectable Activity) test.

The CAPTUS 3000 performs all these tests quickly and automatically using two reference sources, Cs-137 and Eu-152.

These are performed daily and results put into the QA 3-ring binder.

Results are to fall within these parameters.

\[ FWHM \leq 8\% \]
\[ \text{Constancy} \leq 5\% \]
\[ \text{Chi-Square} \leq 3.3\% \text{ to } 16.9\% \]

Refer to QA in Chapter 5 of CAPTUS 3000 manual (attached).

Reviewed By: S. Perlman, D. Fuerbringer

Scott B. Perlman, MD, MS
Chief, Nuclear Medicine

Derek Fuerbringer, CNMT
Manager, Nuclear Medicine