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connercial tracer through the analysis of the purity and the radioinmurcasay performance. 163,1988). This work concludes the study of the gastrin radioiodinated at IPEN, comparing it with a (Arg. Biol. Tecnol. 30:41,1987) and submitted to a quality control evaluation (Arg. Biol. Tecnol. 31: Radiolodinated gasumin has been prepared at IPEN laboratory for radioliminoassay

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precipitation confirmed its high purity degree (96,23% against75,38%). In relation to the purity, in trophoresis (85,00% against 65,81%). The 1251 incorporation evaluated through thrichloroscetic the radioimmunoassay system, the IPEN tracer presented the lower ron-specific binding value (1,40% a-The antibody titers required to bird 50% of the tracers were very similar: The IPEN tracer presented a higher purity when analyzed on 7% polyacrylamide gel elec-

0,80 pmol/1 for the camercial). tained with both tracers were parallels presenting very high sensitivity (0,99 pmol/1 for the IPEN and ses producing 50% fall in the maximum responses (45 and 40 pmol/1). Besides, the standard curves obnoassays was close (48,60% for the IPEN and 45,90% for the commercial) as well as the respective dofor the IPEN and 1:152.000 for the commercial. In this way, the specific binding of the radioinm -Samples of internal quality control measured in the standard curves prepared with these

cer with the imported one. tracers showed a high significant correlation (p<0,001), indicating the comparable quality of our tra-