Request to Acquire Unbound Radioiodine

The CNSC licence conditions are stated below and apply to any workers using more than 2 MBq (0.05 mCi) of unbound radioiodine as an open source. It does not apply to users of bound iodine, ie: RIA kits. Failure to undergo screening and bioassay as required by licence conditions can lead to suspension of radioiodine use.

Confirmation of Compliance	**CNSC Licence Conditions**
I certify that I am in compliance with the licence conditions stated here, and that I will not knowingly provide unbound radioiodine to another user. User's signature _____ User's signature _____ User's signature _____ Date: _____ Isotope: _____ Amount: _____ As the Project Supervisor, I certify that the radioiodine to be acquired will be used solely at McMaster University by the persons listed above until it is in a bound form. Signature: _____ Health Physics _____	Every person who a) uses at a single time a quantity of volatile iodine-125 or iodine-131 exceeding; i) 2 MBq in an open room; ii) 50 MBq in a fume hood; iii) 500 MBq in a glove box; iv) any other quantity in other containment approved in writing by the Commission or a person authorized by the Commission; or b) is involved in a spill of greater than 5MBq of volatile iodine-125 or iodine-131; c) or on whom iodine-125 or iodine-131 external contamination is detected; and shall undergo thyroid screening within five days following the exposure to iodine-125 or iodine-131. (2046-17) Thyroid Screening Screening for internal iodine-125 and iodine-131 shall be performed using a) a direct measurement of the thyroid with an instrument that can detect 1 kBq of iodine-125 or iodine-131; or b) a bioassay procedure approved by the Commission or a person authorized by the Commission. (2600-4)