

ISOTOPE INVENTORY RADIOACTIVE MATERIALS INVENTORY & AUDITING

Radioactive Materials Inventory & Auditing

Isotope Inventory (Radioactive Materials Inventory) is a professional & comprehensive software package for tracking radioactive materials (sources) from purchase, storage and usage through to disposal or transfer. Continuously re-calculating activities, RaM Inventory can give accurate and precise information on the activity and location of both your sealed and unsealed sources at any time. Dilution and synthesis can be accounted for, and the multi-user version correlates the data automatically giving a full and up to date audit report of materials and waste produced.

- **Simple Operation & Reporting**
- **Auto Decay Corrections**
- **Waste Management**
- **Single, Multi-user or Multiple-sites**
- **Auditing & Leak Test info**
- **Levels of Password Protection**

Isotope Inventory can be run on most hardware & software platforms (including Apple Macs) and the reporting is SEPA and EA compliant.

Options & Add-Ons:

- Can include radioactive environmental samples for lab work, with bar code tagging.
- Risk assessments
- Comprehensive nuclide database with product codes

Iso Inventory - [List by Nuclide]

Source Number	Nuclide	Activity Concentration	Volume	Reference Date	Storage Location	U
125	Am-241	49.99 kBq	1 source	10/08/99	181/19	Group 4
127	Am-241	998.87 Bq	10 ml	01/01/99	Physics Radioactive store	Geoscienc
142	Am-241	10.00 kBq	1 source	01/08/99	346/32	Geoscienc
96	Am-241	3.00 MBq	1 source	01/01/99	676/20 (Radioactive store)	Group 1
30	Am-241	45.00 Bq	50 ml		781/02	Group 3
31	Am-241	0.39 Bq	500 ml	31/05/89	Physics Radioactive store	Geoscienc
32	Am-241	676.26 Bq	50 gram	06/02/98	781/02	Geoscienc
151	Am-241	10.00 kBq	1 source	01/06/99	676/20 (Radioactive store)	Geoscienc
29	Am-241	0.45 Bq	20 ml	14/06/95	781/02	Geoscienc
99	Am-241	37.00 kBq	1 source		Physics Radioactive store	Select Gro
33	Am-241	10.00 kBq	50 ml		Physics Radioactive store	Group 2

Iso Inventory

Nuclide	Half Life (Years)	Nuclide Type
Actinides		Alpha
Am-241	432.71	Alpha
Am-243	7360	Alpha
Ba-133	10.52	Beta/Gamma
C-14	5730	Beta/Gamma
Ce-144	0.78	Beta/Gamma
Cl-36	301000	Beta/Gamma
Co-57	0.743	Beta/Gamma
Co-60	5.27	Beta/Gamma

Location
Physics Radioactive store
Main store
781/02
181/19
676/20 (Radioactive store)
161/36
454/04
454/10
161/27



Whilst fully supporting the system, we charge no licence fee and the systems can be personally tailored to your current work practices.

Isotope Orders

Waste Entry
Waste Searches

Waste Entries

Select	ICR Number	Delivered	Used	Remaining	Notes	Month	Year	MBq	Nuclide	Assesment Number	Lifetime	Checked
<input type="radio"/>	3650	250	0	0		1	2006	9.25	3H	280	15	Yes
<input type="radio"/>	3705	250	40	210		12	2005	9.25	3H	377	1	Yes
<input type="radio"/>	3705	250	170	40		1	2006	9.25	3H	377	1	Yes
<input type="radio"/>	1381	1000	0	970		12	2005	1.85	14C	278	5	Yes
<input type="radio"/>	1381	1000	0	970		1	2006	1.85	14C	278	5	Yes
<input type="radio"/>	3718	100	100	0		1	2006	37	33P	372	1	Yes
<input type="radio"/>	3693	120	120	0		11	2005	370	32P	286	7	Yes
<input type="radio"/>	3676	120	120	0		10	2005	370	32P	286	7	Yes
<input type="radio"/>	3676	120	0	0		11	2005	370	32P	286	7	Yes
<input type="radio"/>	3677	120	120	0		10	2005	370	32P	286	7	Yes
<input type="radio"/>	3677	120	0	0		11	2005	370	32P	286	7	Yes
<input type="radio"/>	3678	120	12	108		10	2005	370	32P	286	7	Yes
<input type="radio"/>	3678	120	108	0		11	2005	370	32P	286	7	Yes
<input type="radio"/>	3686	120	120	0		10	2005	370	32P	286	7	Yes
<input type="radio"/>	3686	120	0	0		11	2005	370	32P	286	7	Yes

Edit Selected Entry

New

Search for: Search

Assessments

Catalogue

Orders

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Print Options