

ENTRY NO. CU96 Date
Cyclotron Model NEN Cyclotron 4
Institution DuPont Merck Pharmaceutical Co.
Address 331 Treble Cove Rd. Billerica, MA 01862
Tel (508) 671-8012 Telex
Fax EMAIL
In Charge: Peter Holton Reported by: Frank Buck

HISTORY
MILESTONE DATES:
Installation 12/79 First Beam 7/80
DESIGN/CONSTRUCTION BY: Cyclotron Corp. CS-30
COST: Accelerator Facility
FUNDED BY: E.I. DuPont

STATUS
STAFF: Operators Technicians
BUDGET: Machine Funded by
TIME DISTRIBUTION: (e.g. basic research, isotope production, maintenance, etc.)
(a) Isotope Production 100 %
(b) %
(c) %
(d) %
(e) %

CHARACTERISTIC BEAMS
Current(part μ A)
Accelerated Ions E/A (MeV/u) Internal External
(a) Protons 26 200
(b)

1991 μ A-hours on target:

FACILITIES
SHIELDED AREA: Fixed 50 m² Moveable m²
Target Stations: 1 No. Served At Same Time:
OTHER FACILITIES:

REFERENCES/NOTES
(a)
(b)

PLAN VIEW OF FACILITY, COMMENTS

ENTRY NO. CU97 Date
Cyclotron Model NEN Cyclotron 5
Institution DuPont Merck Pharmaceutical Co.
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Fax EMAIL
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HISTORY
MILESTONE DATES:
Installation 12/88 First Beam 1/89
DESIGN/CONSTRUCTION BY: SCANDITRONIX
COST: Accelerator Facility
FUNDED BY: E.I. DuPont

STATUS
STAFF: Operators Technicians
BUDGET: Machine Funded by
TIME DISTRIBUTION: (e.g. basic research, isotope production, maintenance, etc.)
(a) Isotope Production 100 %
(b) %
(c) %
(d) %
(e) %

CHARACTERISTIC BEAMS
Current(part μ A)
Accelerated Ions E/A (MeV/u) Internal External
(a) Protons 30 200
(b)

1991 μ A-hours on target:

FACILITIES
SHIELDED AREA: Fixed 90 m² Moveable 1 m²
Target Stations: 2 No. Served At Same Time:
OTHER FACILITIES:

REFERENCES/NOTES
(a)
(b)

PLAN VIEW OF FACILITY, COMMENTS