

Iodine-123 Radiochemical Sodium Iodide - Dry

Sodium Iodide
(I-123) (DRY)
Half-Life: 13.2 hours

Iodine-123 Radiochemical Sodium Iodide - Dry

Iodine-123 is an ideal research tool for neurology, oncology and cardiology.

Researchers prefer using iodine-123 because of the short half-life, clear SPECT images, and because iodine-123 is easy to handle, shield and dispose of.

BWXT has an unparalleled base of technical expertise and production capabilities. State-of-the-art facilities provide a reliable supply of isotopes to customers around the world.

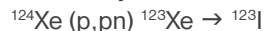
Process Data

Nuclear Reaction

Primary



Secondary



Assay

High resolution gamma spectrometry at 159 keV

Product Specification

Chemical Form

Sodium iodide in 0.1N NaOH evaporated to dryness under nitrogen

Specific Activity*

No carrier added

Activity Concentration*

At customer request

Radiochemical Purity

≥ 95% iodide

Radiopurity*

≥ 99.8% ^{123}I

≤ 0.2% total other nuclides

*At noon, Pacific Time, one day after shipment.

Please note that the radiochemicals listed are not tested for sterility or pyrogenicity. Verification of their suitability for use in humans is the sole responsibility of the purchaser.

Packaging

- Kontes vial – crimp cap glass V-vial (1 mL, 3 mL, 5 mL)
- Hypovial – crimp cap glass vial with septum (6 mL, 10 mL) (Other vial options are available)

Availability

Dispensed Monday-Thursday

Product Origin

Vancouver, Canada

World-Class Delivery Service

BWXT has a world-class distribution system that includes a unique, software-based order management system. Carefully managed transportation logistics focus on products reaching their destinations on time.



