

SODIUM IODIDE (^{131}I) SOLUTION

Areas of Application

The sodium iodide (^{131}I) is a radiopharmaceutical used in nuclear medicine for diagnosing and treating thyroid cancer and its metastases

Specification

The one-stage thermographic technology has been developed for the extraction of ^{131}I from tellurium irradiated by neutrons from WWR-M research reactor of INR of the NAS of Ukraine. ^{131}I output from the target material exceeds 70%. The final product is solution for oral administration. The physical and chemical properties of sodium iodide (^{131}I) meet the requirements of the European Pharmacopoeia

Stage of Development.
Suggestion for Commercialization

IRL4, TRL4
Manufactured and supplied,
upon request

Advantages

There are no counterparts in Ukraine;
cheaper than the foreign analogs

IPR Protection

IPR1

Contact Information

Volodymyr V. Tryshyn, Institute of Nuclear Research of the NAS of Ukraine;
+38 044 525 43 50, e-mail: vtryshyn@kinr.kiev.ua