

Certificate of Analysis

[¹²³I]-NaI-FZK in 0.02 N NaOH solution



Base Doc. VA_1-07-A	Doc.No. Annex 1	Rev.No. 01	effective as per 27.10.2017	Page 1 of 1
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Document replaces Doc.No.
Annex 1.00

Product Name **[¹²³I]-NaI-FZK**

Lot Number **A 3779**

Calibration Date / Time (*t_{calib}*) **27.02.2018 08:00 AM**

Dispensed Volume of Total (µL) **607** of **2,000**

Measured Activity **4,149** MBq (*t_{calib}*)

Radioactive Batch Concentration **6,838** MBq/mL (*t_{calib}*)

pH (NaOH concentration) **12 - 13** (c = 0.8 µg/µL)

Manufacturing Date **26.02.2018**

Shipment **26.02.2018 09:00 AM**

Expiration Date **01.03.2018 02:08 PM**

ZAG-internal
remark

Appearance	ZAG-Specification	Result
Solution	<i>clear, colorless</i>	complies
Radionuclidic Identity	<i>charac. γ-keV</i>	
123-Iodine	<i>159 / 346 / 440 505 / 529 / 538</i>	complies
Radiochemical Purity	(%)	(%)
Iodide	<i>≥ 98.0</i>	99.99
Iodate	<i>< 2.0</i>	not detected
Not Identified Intermediates	<i>< 1.0</i>	not detected
Starting Point	<i>≤ 0.5</i>	0.01
<i>Total Amount of Impurities</i>	<i>≤ 2.0</i>	<i>0.01</i>
Radionuclidic Purity (<i>t[#]_{calib} γ</i>)	(%)	(%)
123-I	<i>≥ 99.7</i>	99.98
120-I	<i>< 0.2</i>	not detected
121-I	<i>< 0.2</i>	not detected
121-Te	<i>< 0.05</i>	0.02
<i>Total Amount of Impurities</i>	<i>≤ 0.3</i>	<i>0.02</i>

(*t[#]_{calib} γ*)

27.02.2018 08:00 AM

CoA was generated electronically and carries no handwritten signature;
Generation of CoA under QA-supervision.

All indications of t refer to CET = central european time

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QA release of CoA layout: 27.10.2017

CoA print: 10:21, 02.03.2018

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