



60 Years

IAEA *Atoms for Peace and Development*

Information Circular

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General Distribution

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Communication dated 7 November 2016 received from the Permanent Mission of the Islamic Republic of Iran to the Agency

1. The Secretariat has received a communication dated 7 November 2016 from the Permanent Mission of the Islamic Republic of Iran to the Agency.
2. As requested by the Permanent Mission, the communication is circulated herewith for information.

In the name of God



*Permanent Mission of
ISLAMIC REPUBLIC OF IRAN
to the International Atomic Energy Agency (IAEA)*

Urgent

No. 143/2016

The Permanent Mission of the Islamic Republic of Iran to the International Atomic Energy Agency (IAEA) presents its compliments to the Agency's Secretariat and has the honor to inform the latter that in implementation of paragraph 14 of Annex I of the JCPOA, the Atomic Energy Organization of Iran (AEOI) has made available the excess heavy water of its subsidiaries beyond Iran's needs for export to international buyers. Therefore, the Agency is requested to circulate the announcement of the availability of the Iranian heavy water, with the technical specifications as attached, to the Member States, in order to be distributed accordingly to potential customers.

The Permanent Mission would also like to request the Agency's Secretariat to publish this Note as INFCIRC document.

The Permanent Mission of the Islamic Republic of Iran to the International Atomic Energy Agency avails itself of this opportunity to renew to the Agency's Secretariat the assurances of its highest consideration.

Vienna, 7 November 2016

Encl. as stated

H. E. Yukiya Amano
Director General
IAEA





Permanent Mission of
ISLAMIC REPUBLIC OF IRAN
to the International Atomic Energy Agency (IAEA)

CERTIFICATE of QUALITY

Deuterium Oxide (D₂O)

CAS № 7789-20-0

Nuclear-grade According to the ASTM D-2032-68:

Parameter	Specification	Units
Isotopic Concentration	≥ 99.75	Mol. % D ₂ O
Conductivity (at 25°C)	≤ 15	μS/cm
pH	6 to 7	pH
KMnO ₄	≤ 1•10 ⁻⁵	g/ml
Chloride	< 0.1	ppm
Turbidity	≤ 5	NTU
Tritium	< 2	μCi/kg

Deuterium Oxide (D₂O)

CAS № 7789-20-0

Non-Nuclear Grade for High-Technology applications
(Special Order)

Parameter	Specification	Units
Isotopic Concentration	≥ 99.95	Mol. % D ₂ O
Conductivity (at 25°C)	≤ 3	μS/cm
pH	6 to 7	pH
KMnO ₄	≤ 1•10 ⁻⁵	g/ml
Chloride	< 50	ppb
Turbidity	≤ 2	NTU
Tritium	< 2	μCi/kg

All of the above parameters are subject to ±1 percent tolerance