

**MEDICAL ISOTOPES, Inc.**

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CERTIFICATE OF ANALYSIS

H₂O¹⁸ 97.4 atom % Lot Number: C06 Catalog # O2006 Date: February 2018 Re-test Date: February 2021

Analysis	Results	Analysis Method
O-18	97.40 atom %	MS
O-17	1.35 atom %	MS
O-16	1.25 atom %	MS

Chemical purity: >99.99%

Test:	Results:	Method/Reference:
Main substance content is no less:	Chemical Purity: >99.99% m/m	N/A
Appearance	Clear, colorless, free of visible particulate matter	Organoleptic
Conductivity	0.89 μS/cm	Conductivity meter
pH	7.05	pH meter
Pyrogenicity	0.10 EU/ml	LAL test
Sterility	Sterile	USP
Total Organic Carbon	0.15mg/L	TOC analyzer

Element:	Measure Impurities Content (mg/L)	Element:	Measure Impurities Content (mg/L)
F	0.002	Cl	0.003
Na	0.2	Cu	0.01
Mg	0.02	Br	0.001
K	0.05	Ca	0.02
Fe	0.01	I	0.002
PO ₄ ³⁻	0.005	NO ₃ ⁻	0.005

Molecular Formula: H₂¹⁸O

Molecular Weight: 20.0

Radioactivity: The total radioactivity of the present water specimen is not more than the natural background.

Certified by:

Frank Smith, Quality Control