

ISOFLEX USA

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Representative CERTIFICATE of ANALYSIS

CUSTOMER:

[Customer Contact Information]

CERTIFICATE NO.: 8-09-18-TBD*

CUSTOMER ORDER NO.: N/A

*To Be Determined at the Time of Shipment

The description, isotopic distribution and chemical purity relating to the above referenced order number are certified to be as follow:

Description

ISOTOPE	O-18
FORM	H ₂ ¹⁸ O
ENRICHMENT	≥97.00%
COMPOUND WEIGHT (H₂O)	XXX Grams
pH	6.8
CONDUCTIVITY	0.5 μS/cm
PYROGENICITY (LAL TEST)	<0.03 EU/ml
TOTAL ORGANIC CARBON	<0.5 mg/L
Sterility	Passes Test
H	>99.9
D	≈0.015
T	<5.10 ⁻¹¹ Ci/L

Isotopic Distribution

ISOTOPE	O-16	O-17	O-18
CONTENT (%)	≥1.5	≥1.1	≥97.00

Chemical Purity

Please refer to Page 2

ISOFLEX USA

Date

By:

Chemical Composition

In accordance with
Certificate of Analysis 8-09-18-TBD

Element	mg/L	Method
F	<0.3	Conductivity Meter
Na	0.15	ICP MS
Mg	0.0056	ICP MS
K	0.01	ICP MS
Ca	0.0011	ICP MS
Fe	0.01	Conductivity Meter
Br	0.011	ICP MS
NH ₃	<0.03	Conductivity Meter
Li	0.000063	ICP MS
Be	<0.00001	ICP MS
B	0.00011	ICP MS
Al	0.000015	ICP MS
Si	0.17	ICP MS
Cl	<0.3	Conductivity Meter
Ti	0.0044	ICP MS
V	0.00016	ICP MS
Cr	0.00002	ICP MS
Mn	0.00003	ICP MS
Co	0.0014	ICP MS
Ni	0.00041	ICP MS
Cu	0.000025	ICP MS
Zn	0.079	ICP MS
Ge	<0.00001	ICP MS
As	<0.00001	ICP MS
Se	<0.00001	ICP MS
Sr	0.00002	ICP MS
Mo	0.00002	ICP MS
Ag	<0.00001	ICP MS
Cd	<0.00001	ICP MS
Sn	0.00003	ICP MS
Sb	<0.00001	ICP MS
Te	<0.00001	ICP MS
Ba	0.000095	ICP MS
Hg	<0.00001	ICP MS
Tl	<0.00001	ICP MS
Pb	0.000014	ICP MS
Bi	<0.00001	ICP MS