



SPECIFICATION SHEET

O-18 In the Form of Water for Medical Applications.

CPI-GEORGIA

Isotopeshop.com

Specification

Physical Properties:

Material	Water 18-O for PET
O-18 Enrichment	O-18 > 98.0 at%
O-17 Enrichment	O-17 < 2 at%
O-16 Enrichment	O-16 < 2 at%
Purity	> 99.9 wt%
TOC	< 1 µg/g
pH	6-8
Conductivity	< 2 µS/cm
Pyrogen	< 0.25 EU/ml
Sterility	passed test

Impurities in ppm

Cations:

Al	< 0.05
Ca	< 0.1
Cu	<0.01
Fe	<0.01
K	<0.1
Mg	<0.05
Na	<1
Si	<1
Zn	<0.05

Anions:

Br	< 0.5
Cl	< 0.5

F	<0.05
NO ₂	<0.1
NO ₃	<0.05
PO ₄	<0.05
SO ₄	<0.1