

Certificate of Analysis



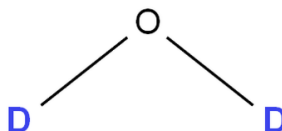
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General Information

Product Name and Isotopic Labelling	Deuterium oxide >97.0 % atom 2H
Amount	1 L in HDPE bottles
Product (Catalogue) Number	950005100
Lot Number	
Storage Conditions	Room temperature, away from moisture
Shipping Conditions	Room temperature

Product Information

Molecular Weight	20,03 g/mol
Chemical Formula	D ₂ O (² H ₂ O)
Structure Formula	



Silantes GmbH certifies that this material does conform to the specifications stated below:

Quality Control Tests and Lot Results

Test	Specification	Lot Results
Appearance	Clear, odorless liquid	conforms
(NMR for) Isotopic Enrichment	> 97.0 atom %	conforms
(liquid scintillation for) tritium content	≤ 3.7 x 10 ⁴ Bq/L	Below limit of detection
Conductivity (at 25 °C)	< 2 μS/cm	conforms
Growth test for biological competence	OD 2 within 24 h	conforms
Date for Last Quality Review	10.03.2022	
Approved by	Vinzenz Pickel	

This product is for laboratory use only

Silantes GmbH manufactures highly pure research compounds which are produced for research applications only. Persons intending to use these products for other applications do so at their own responsibility and must comply with all appropriate regulations. Local regulatory authorities should be consulted.