

MATERIALS FOR ISOTOPE HYDROLOGY LABORATORY - ALGERIA

Research Contract: ALG - 20829

Shipping terms:

FP-DZE Comena
Mr. Adnane S. MOULLA
Researcher/ Head of Division
Algiers Nuclear Research Centre
Boulevard F. Fanon 2, PO Box 399
Alger-RP
Algiers, 16000, ALGERIA
Cell. : +213 661 490 042
Email: asmoulla@hotmail.com>

General Requisition description: ALG - 20829 2020-10-01 Materials for Isotope Hydrology laboratory

Item#	Item description	Quantity	Technical Specifications	Proposed supplier
1	USGS-44 Carbonate Standard	1	$\delta^{13}\text{C} = -42\text{‰}$ in VPDB scale	USGS
2	Zero Natural Isotope Water	2	Zero natural water 25ml 2H 11 ‰, 18O -.4 ‰ Cat No: B2194 low natural water	Elemental Microanalysis
3	Dionex standards (6 Cations)	2	Six cations standard solution cat N°: 046070	ThermoFisher
4	Dionex standards (7 Anions)	2	Seven anions standard solution cat N°: 056933	ThermoFisher
5	Lithium pellets	2	Lithium (granular, 50 g) (protective medium: argon) for synthesis.	Merck
			CAS 7439-93-2, EC Number 231-102-5, chemical formula Li.	
6	Reagents for titration (Sulfuric Acid)	5	Sulfuric acid 0.16 ± 0.0008 , cat No 14388-01	Hach
7	Alkalinity Reagent Set	3	Set of Bromocresol Green-Methyl, and Phenolphthalein indicator powder (Pk/100) (05) Product Number: 2271900	Hach
8	Digital Titrator	1	Digital Titrator, 0.00125 mL/digit, Part Number: 1690001	Hach
9	Delivery tubes for Digital Titrator	10	Titration delivery tube for Digital Titrator 41578000	Hach
10	Hamilton® 701N syringe	5	701N (Slimline), volume 10 μL , needle size 26s ga (bevel tip), needle L 51 mm	Merck

Item#	Item description	Quantity	Technical Specifications	Proposed supplier
11	Filament for IRMS Delta-V	2	Thermo Scientific Filament für IRMS Delta-V, Thermo Part No. 1027920	ThermoFisher
12	Waste Port Septa for Picarro Autosampler	2	Waste port septa Part Number = C0323 (Pack of 20)	Picarro
13	Salt Liner for High Precision Vaporizer	1	Salt liner Part Number = C0354 (Pack of 3)	Picarro
14	Muffler, external vacuum pump	2	Muffler for external pump at G/L2xxx Series Analyzers. (Part Number = S2006)	Picarro
15	Spare rechargeable battery	2	Spare rechargeable battery Handheld ALG7-08A for ALGIZ-7 Trace2O metalyser Item #:HH-ALG7-08A	JJS Technical Services