

Sample Code: <b>A-25/115750</b>	Received at: AGQ RD	Reception Date: <b>07/29/2025</b>
Analysis Type: AR-CO-0001	Analysis Center: AGQ Perú	Finalized Date: <b>08/07/2025</b>
Sample Type: UNDERGROUND WATER	Sampling Date/Hour: 07/29/2025	Contract: <b>QMT-RD250700052</b>
	Start Date: 08/05/2025	
Sampled By: *Cliente (^)	Third party(^): ----	
Description(^): BLUE HILL SPRINGS	Address(^): Virgilio Almanzar, casa #1	
Client (^): Cumbre Azul Company SRL		

## PHYSICOCHEMICAL PROPERTIES

Parameter	Result	Units	Very low	Low	Normal	High	Very high	Technique	SOP
E.C.	1,548	μS/cm a 25 °C		750		1,500		Potentiometry	PEC-002
* pH	8.0			6.5		7.5		Potentiometric pH	PEC-001

## CATIONS

Parameter	mg/L	meq/L	Very low	Low	Normal	High	Very high	Technique	SOP
Calcium	53.2	2.66		2.00		6.00		ICP-OES	PEC-009
Magnesium	23.2	1.91		0.50		2.50		ICP-OES	PEC-009
Potassium	13.2	0.34		0.00		0.25		ICP-OES	PEC-009
Sodium	227	9.87		0.00		4.00		ICP-OES	PEC-009

## ANIONS

Parameter	mg/L	meq/L	Very low	Low	Normal	High	Very high	Technique	SOP
* Alkalinity	440	7.21		0.50		3.00		CFA	PE-336
Chloride	131	3.71		0.00		4.00		UV/VIS Spect	PE-336
Nitrates	< 10.0	< 0.16		0.00		0.80		UV/VIS Spect	PE-336
Sulphates	136	2.84		0.00		6.00		ICP-OES	PEC-009

## METALS

Parameter	Result	Units	Very low	Low	Normal	High	Very high	Technique	SOP
Iron	< 0.05	mg/L		0.00		0.50		ICP-OES	PEC-009
Boron	0.84	mg/L		0.00		0.80		ICP-OES	PEC-009
Copper	< 0.05	mg/L		0.00		0.50		ICP-OES	PEC-009
Manganese	< 0.05	mg/L		0.00		0.50		ICP-OES	PEC-009
Zinc	< 0.05	mg/L		0.00		0.50		ICP-OES	PEC-009

**NOTE**  
 Note: The results in this report reflect the state in which the sample was received by the laboratory. Total or partial reproduction of this report is prohibited without express written consent. The uncertainties are calculated and can be available upon request. AGQ is not responsible for the information provided by the client, associated with sampling and other descriptive data, marked with (^)  
 (\*) Test Not covered by accreditation number TL-502 issued by IAS.

DATE ISSUED: 08/07/2025



Leandro Crivillero Amancio

OBSERVATIONS (^):

Sample Code: A-25/115750  
Description(^): BLUE HILL SPRINGS

Sample Type: UNDERGROUND WATER  
Finalized Date: 08/07/2025

As per AGQ Quality Assurance policies, samples are conserved under controlled conditions only for the required predetermined period of time before being discarded. For further information, please do not hesitate to contact us.



Verification code