

ANEXO C.1.4. 2. Resumen de acreditación de Laboratorio

Grupo	Parámetro	Acreditaciones y registros	Año
Físico - químicos	pH	Acreditación No. OAE LE 2C 05-008	2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019
		Acreditación CALA No. A3154	2008, 2009, 2010, 2011, 2012, 2013
		Registro DINAPA No. 007-SPA-RLAH	2008, 2009, 2010, 2011
		Registro SA / MDMQ No. LEA-R-005	2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019,2020
		Acreditación A2LA Cert. No.4290.01	2017, 2018, 2019,2020
		Registro DMA No. LEA-R-005	2008, 2009, 2010, 2011, 2012
		Acreditación No. SAE LEN 05-008	2020
	Sólidos suspendidos totales	Acreditación No. OAE LE 2C 05-008	2008, 2009, 2010, 2011, 2012, 2017, 2018, 2019
		Acreditación CALA (CAEAL) No. A3154	2008, 2009, 2010, 2011, 2012
		Registro DINAPA No. 007-SPA-RLAH	2008, 2009, 2010, 2011
		Registro SA / MDMQ No. LEA-R-005	2012, 2017, 2018, 2019, 2020
		Registro DMMA No. LEA-R-005	2008, 2009, 2010, 2011, 2012
		Acreditación No. SAE LEN 05-008	2020
	Oxígeno de saturación	Acreditación No. OAE LE 2C 05-008	2015, 2016, 2017, 2018, 2019
		Registro SA / MDMQ No. LEA-R-005	2015, 2016, 2017, 2018, 2019, 2020
		Acreditación A2LA Cert. No.4290.01	2017, 2018, 2019, 2020
Acreditación No. SAE LEN 05-008		2020	
Oxígeno disuelto	Acreditación No. OAE LE 2C 05-008	2008, 2009,2010,2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019	
	Registro DINAPA No. 007-SPA-RLAH	2008, 2009,2010	
	Registro DMMA No. LEA-R-005	2008, 2009,2010,2011	
	Acreditación A2LA Cert. No.4290.01	2017, 2018, 2019, 2020	
	Registro SA/MDMQ No. LEA-R-005	2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020	
	Acreditación No. SAE LEN 05-008	2020	

Grupo	Parámetro	Acreditaciones y registros	Año
	Temperatura	Acreditación No. OAE LE 2C 05-008	2015, 2016, 2017, 2018, 2019
		Acreditación A2LA Cert. No.4290.01	2017, 2018, 2019
		Registro DMMA No. LEA-R-005	2015, 2016, 2017, 2018, 2019
	Materia Flotante		
	Turbiedad	Acreditación No. OAE LE 2C 05-008	2008, 2009, 2010, 2011, 2012, 2017, 2018, 2019
		Registro SA/MDMQ No. LEA-R-005	2012, 2017, 2018, 2019, 2020
		Acreditación No. SAE LEN 05-008	2020
Aniones y no metales	Amoniaco	Acreditación No. OAE LE 2C 05-008	2015, 2016, 2017, 2018, 2019
		Acreditación CALA No. A3154	2015, 2016
		Acreditación A2LA Cert. No.4290.01	2017, 2018, 2019
		Registro SA/ MDMQ No. LEA-R-005	2015, 2016, 2017, 2018, 2019, 2020
		Acreditación No. SAE LEN 05-008	2020
	Cloro residual	Acreditación No. OAE LE 2C 05-008	2008, 2009, 2010, 2011, 2012, 2015, 2016, 2017, 2018, 2019
		Registro DINAPA No. 007-SPA-RLAH	2008, 2009, 2010, 2011
		Registro SA / MDMQ No. LEA-R-005	2012, 2015, 2016, 2017, 2018, 2019, 2020
		Registro DMA No. LEA-R-005	2008, 2009, 2010, 2011
		Acreditación No. SAE LEN 05-008	2020
Cianuro Total	Acreditación No. OAE LE 2C 05-008	2011, 2012, 2017, 2018	
	Registro SA / MDMQ No. LEA-R-005	2012, 2017, 2018, 2020	
	Registro DMA No. LEA-R-005	2011	
	Acreditación No. SAE LEN 05-008	2020	
Nitrato	Acreditación No. OAE LE 2C 05-008	2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019	
	Acreditación CALA No. A3154	2011, 2012, 2013, 2014, 2015	
	Registro SA / MDMQ No. LEA-R-005	2012, 2013, 2014, 2015, 2017, 2018, 2019, 2020	

Grupo	Parámetro	Acreditaciones y registros	Año	
		Registro DMA No. LEA-R-005 Acreditación No. SAE LEN 05-008	2011, 2012 2020	
	Nitrito	Acreditación No. OAE LE 2C 05-008 Acreditación CALA No. A3154 Registro DINAPA No. 007-SPA-RLAH Registro SA / MDMQ No. LEA-R-005 Registro DMA No. LEA-R-005 Acreditación No. SAE LEN 05-008	2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015 2008, 2009, 2010, 2011 2012, 2013, 2014, 2015, 2017, 2018, 2019, 2020 2010, 2011 2020	
	Sulfatos	Acreditación No. OAE LE 2C 05-008 Acreditación CALA No. A3154 Registro DINAPA No. 007-SPA-RLAH Registro DMMA No. LEA-R-005 Registro SA/MDMQ No. LEA-R-005 Acreditación No. SAE LEN 05-008	2009, 2010, 2011, 2012 2008, 2009, 2010, 2011, 2012 2008, 2009, 2010 2009, 2010, 2011 2012, 2020 2020	
	Fluoruro	Registro SA/MDMQ No. LEA-R-005 Acreditación No. SAE LEN 05-008	2020 2020	
	Flúor	NA		
	Orgánicos y microbiológicos	Aceites y grasas	Acreditación No. OAE LE 2C 05-008 Registro SA / MDMQ No. LEA-R-005 Registro DMA No. LEA-R-005 Acreditación No. SAE LEN 05-008	2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020 2011, 2012 2020
		Coliformes Fecales	Acreditación No. OAE LE 2C 05-008 Registro DINAPA No. 007-SPA-RLAH	2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019 2008, 2009, 2010
Registro DMMA No. LEA-R-005			2008, 2009, 2010, 2011	

Grupo	Parámetro	Acreditaciones y registros	Año
		Registro SA/MDMQ No. LEA-R-005 Acreditación No. SAE LEN 05-008	2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020 2020
	DBO	Acreditación No. OAE LE 2C 05-008 Acreditación CALA No. A3154 Registro DINAPA No. 007-SPA-RLAH Registro SA / MDMQ No. LEA-R-005 Registro DMA No. LEA-R-005 Acreditación No. SAE LEN 05-008	2009, 2010, 2011, 2012, 2013, 2014, 2015 2008, 2009, 2010, 2011, 2012, 2013 2008, 2009, 2010, 2011 2012, 2013, 2014, 2015, 2020 2011, 2012 2020
	DQO	Acreditación No. OAE LE 2C 05-008 Acreditación CALA No. A3154 Registro DINAPA No. 007-SPA-RLAH Registro SA / MDMQ No. LEA-R-005 Registro DMA No. LEA-R-005 Acreditación No. SAE LEN 05-008	2008, 2009, 2010, 2011, 2012 2008, 2009, 2010, 2011, 2012 2008, 2009, 2010, 2011 2012, 2020 2008, 2009, 2010, 2011, 2012 2020
	Fenoles	Acreditación No. OAE LE 2C 05-008 Acreditación CALA No. A3154 Registro SA / MDMQ No. LEA-R-005 Acreditación No. SAE LEN 05-008	2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019 2013 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020 2020
	Tensoactivos	Acreditación No. OAE LE 2C 05-008 Registro SA / MDMQ No. LEA-R-005 Acreditación No. SAE LEN 05-008	2015, 2016, 2017, 2018, 2019 2015, 2016, 2017, 2018, 2019, 2020 2020
	Hidrocarburos totales	Acreditación No. OAE LE 2C 05-008 Registro SA / MDMQ No. LEA-R-005 Acreditación No. SAE LEN 05-008	2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020 2020
	Metales	Aluminio	Acreditación No. OAE LE 2C 05-008

Grupo	Parámetro	Acreditaciones y registros	Año
		Registro DINAPA No. 007-SPA-RLAH Registro SA / MDMQ No. LEA-R-005 Registro DMA No. LEA-R-005 Acreditación No. SAE LEN 05-008	2008, 2009, 2010, 2011 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020 2009, 2010, 2011, 2012 2020
	Arsénico	Acreditación No. OAE LE 2C 05-008 Registro DINAPA No. 007-SPA-RLAH Registro SA / MDMQ No. LEA-R-005 Registro DMA No. LEA-R-005 Acreditación No. SAE LEN 05-008	2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019 2008, 2009, 2010, 2011 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020 2009, 2010, 2011 2020
	Bario	Acreditación No. OAE LE 2C 05-008 Registro DINAPA No. 007-SPA-RLAH Registro SA / MDMQ No. LEA-R-005 Registro DMA No. LEA-R-005 Acreditación No. SAE LEN 05-008	2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019 2008, 2009, 2010, 2011 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020 2009, 2010, 2011 2020
	Berilio	Acreditación No. OAE LE 2C 05-008 Registro DINAPA No. 007-SPA-RLAH Registro SA / MDMQ No. LEA-R-005 Registro DMA No. LEA-R-005 Acreditación No. SAE LEN 05-008	2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019 2008, 2009, 2010, 2011 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020 2009, 2010, 2011 2020
	Boro	Acreditación No. OAE LE 2C 05-008 Registro DINAPA No. 007-SPA-RLAH Registro SA / MDMQ No. LEA-R-005 Registro DMA No. LEA-R-005 Acreditación No. SAE LEN 05-008	2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019 2008, 2009, 2010, 2011 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020 2009, 2010, 2011 2020
	Cadmio	Acreditación No. OAE LE 2C 05-008	2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019

Grupo	Parámetro	Acreditaciones y registros	Año
		Registro DINAPA No. 007-SPA-RLAH Registro SA / MDMQ No. LEA-R-005 Registro DMA No. LEA-R-005 Acreditación No. SAE LEN 05-008	2008, 2009, 2010, 2011 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020 2009, 2010, 2011, 2012 2020
	Cobalto	Acreditación No. OAE LE 2C 05-008 Registro DINAPA No. 007-SPA-RLAH Registro SA / MDMQ No. LEA-R-005 Registro DMA No. LEA-R-005 Acreditación No. SAE LEN 05-008	2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019 2008, 2009, 2010, 2011 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020 2009, 2010, 2011 2020
	Cobre	Acreditación No. OAE LE 2C 05-008 Registro DINAPA No. 007-SPA-RLAH Registro SA / MDMQ No. LEA-R-005 Registro DMA No. LEA-R-005 Acreditación No. SAE LEN 05-008	2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019 2008, 2009, 2010, 2011 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020 2009, 2010, 2011, 2012 2020
	Cromo	Acreditación No. OAE LE 2C 05-008 Registro DINAPA No. 007-SPA-RLAH Registro SA / MDMQ No. LEA-R-005 Registro DMA No. LEA-R-005 Acreditación No. SAE LEN 05-008	2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019 2008, 2009, 2010, 2011 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020 2009, 2010, 2011, 2012 2020
	Estaño	Acreditación No. OAE LE 2C 05-008 Registro DINAPA No. 007-SPA-RLAH Registro DMMA No. LEA-R-005 Registro SA/ MDMQ No. LEA-R-005 Acreditación No. SAE LEN 05-008	2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017 2008, 2009, 2010 2009, 2010, 2011, 2012 2012, 2013, 2014, 2015, 2016, 2017, 2020 2020
	Hierro	Acreditación No. OAE LE 2C 05-008	2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019

Grupo	Parámetro	Acreditaciones y registros	Año
		Registro DINAPA No. 007-SPA-RLAH Registro SA / MDMQ No. LEA-R-005 Registro DMA No. LEA-R-005 Acreditación No. SAE LEN 05-008	2008, 2009, 2010, 2011 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020 2009, 2010, 2011, 2012 2020
	Litio	Acreditación No. OAE LE 2C 05-008 Registro DINAPA No. 007-SPA-RLAH Registro DMMA No. LEA-R-005 Registro SA/MDMQ No. LEA-R-005 Acreditación No. SAE LEN 05-008	2012, 2013, 2014, 2015, 2016, 2017, 2018 2008, 2009, 2010 2011, 2012 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2020 2020
	Manganeso	Acreditación No. OAE LE 2C 05-008 Registro DINAPA No. 007-SPA-RLAH Registro SA / MDMQ No. LEA-R-005 Registro DMA No. LEA-R-005 Acreditación No. SAE LEN 05-008	2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019 2008, 2009, 2010, 2011 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020 2009, 2010, 2011, 2012 2020
	Mercurio	Acreditación No. OAE LE 2C 05-008 Registro DINAPA No. 007-SPA-RLAH Registro SA / MDMQ No. LEA-R-005 Registro DMA No. LEA-R-005 Acreditación No. SAE LEN 05-008	2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019 2008, 2009, 2010, 2011 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020 2009, 2010, 2011 2020
	Molibdeno	Acreditación No. OAE LE 2C 05-008 Registro DINAPA No. 007-SPA-RLAH Registro DMMA No. LEA-R-005 Registro SA/MDMQ No. LEA-R-005 Acreditación No. SAE LEN 05-008	2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018 2008, 2009, 2010 2009, 2010, 2011, 2012 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2020 2020
	Níquel	Acreditación No. OAE LE 2C 05-008	2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019

Grupo	Parámetro	Acreditaciones y registros	Año
		Registro DINAPA No. 007-SPA-RLAH Registro SA / MDMQ No. LEA-R-005 Registro DMA No. LEA-R-005 Acreditación No. SAE LEN 05-008	2008, 2009, 2010, 2011 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020 2009, 2010, 2011, 2012 2020
	Plata	Acreditación No. OAE LE 2C 05-008 Registro DINAPA No. 007-SPA-RLAH Registro SA / MDMQ No. LEA-R-005 Registro DMA No. LEA-R-005 Acreditación No. SAE LEN 05-008	2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019 2008, 2009, 2010, 2011 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020 2009, 2010, 2011 2020
	Plomo	Acreditación No. OAE LE 2C 05-008 Registro DINAPA No. 007-SPA-RLAH Registro SA / MDMQ No. LEA-R-005 Registro DMA No. LEA-R-005 Acreditación No. SAE LEN 05-008	2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019 2008, 2009, 2010, 2011 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020 2009, 2010, 2011, 2012 2020
	Selenio	Acreditación No. OAE LE 2C 05-008 Registro DINAPA No. 007-SPA-RLAH Registro SA / MDMQ No. LEA-R-005 Registro DMA No. LEA-R-005 Acreditación No. SAE LEN 05-008	2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019 2008, 2009, 2010, 2011 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020 2009, 2010, 2011 2020
	Vanadio	Acreditación No. OAE LE 2C 05-008 Registro DINAPA No. 007-SPA-RLAH Registro DMMA No. LEA-R-005 Registro SA /MDMQ No. LEA-R-005 Acreditación No. SAE LEN 05-008	2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018 2008, 2009,2010 2009 ,2010, 2011, 2012 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2020 2020
	Zinc	Acreditación No. OAE LE 2C 05-008	2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019

Grupo	Parámetro	Acreditaciones y registros	Año
		Registro DINAPA No. 007-SPA-RLAH Registro SA / MDMQ No. LEA-R-005 Registro DMA No. LEA-R-005 Acreditación No. SAE LEN 05-008	2008, 2009, 2010, 2011 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020 2009, 2010, 2011, 2012 2020

Fuente: INV Minerales. Gruentec, Reportes de laboratorio.

Elaboración: Juan Pesántez, Verónica Guamán.

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