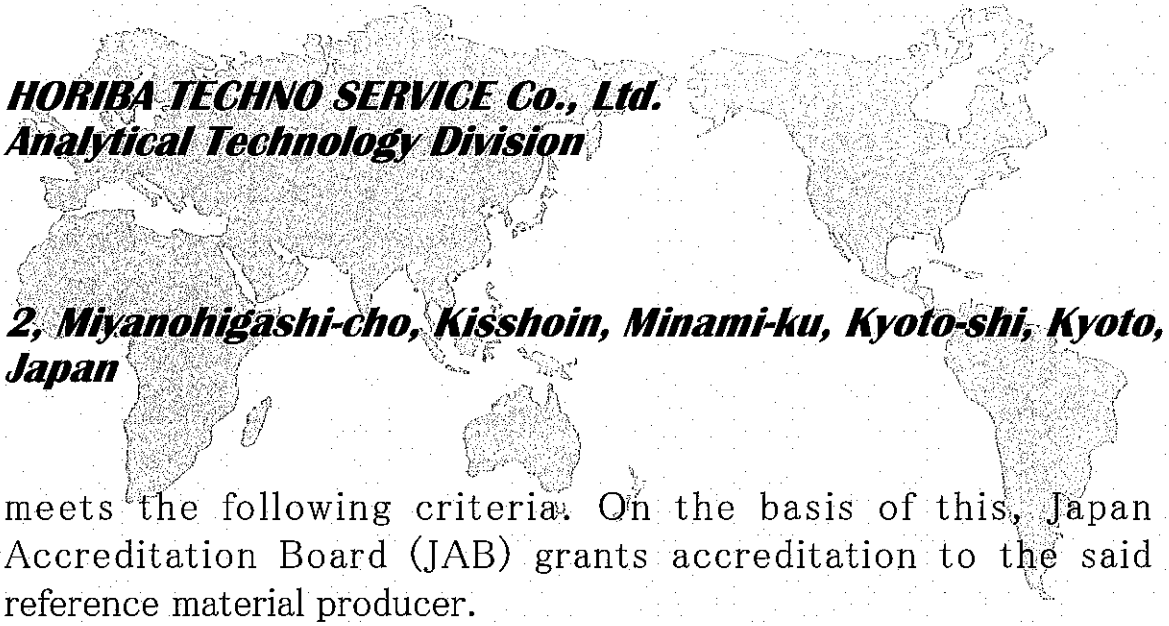
Reference Material Producer

Accreditation Certificate

Accreditation No.RMP00040



HORIBA TECHNO SERVICE Co., Ltd.
Analytical Technology Division

2, Miyanohigashi-cho, Kisshoin, Minami-ku, Kyoto-shi, Kyoto, Japan

meets the following criteria. On the basis of this, Japan Accreditation Board (JAB) grants accreditation to the said reference material producer.

Applicable accreditation criteria	: JIS Q 17034:2018 (ISO 17034:2016)
Scope of accreditation	: As described in the appendix.
Premises covered by accreditation	: As described in the appendix.
Expiry date of accreditation	: March 31, 2027

Revised	December 19, 2023
Renewed	April 1, 2023
Initial accreditation	March 1, 2019

Y. Iizuka

Y. Iizuka, President

Japan Accreditation Board

Issue No. : RMP00040-20231219

Accreditation Certificate Appendix

Accreditation No. RMP00040

HORIBA TECHNO SERVICE Co., Ltd.
Analytical Technology Division

Name of reference material producer	HORIBA TECHNO SERVICE Co., Ltd. Analytical Technology Division			
Address	Zip	601-8305	Address	2, Miyanohigashi-cho, Kisshoin, Minami-ku, Kyoto-shi, Kyoto, Japan
・Applied Scope of Accreditation Code of Field Category Class (1) Class (2)	Code of Field: A Chemical composition , A1.1 Class(2) Category : Chemical composition Class(1) : Metals Class(2) : Steels			
・Type of reference Material	Type of reference Material : Certified Reference material			
・Name of reference material	Name of reference material (1) Carbon certified reference material in steel (2) Sulfur certified reference material in steel (3) Oxygen certified reference material in steel (4) Nitrogen certified reference material in steel			
・Test method ・Range of property values	Test method (1) Combustion-Infrared absorption method (JIS G 1211-3) (2) S＜0.1 Combustion-Infrared absorption method (JIS G 1215-4), S≧0.1 Combustion-Infrared absorption method (JIS G 1215-4) modified (the upper limit of the measurement range from 0.50 % to 0.70 % and replaced $BaSO_4$ with K_2SO_4 in JIS G 1215-4 10.2) (3) Inert gas fusion–Infrared absorption method (JIS G 1239) (4) Inert gas fusion-Thermal conductivity detection method (JIS G 1228-3)			
・The expanded uncertainties of property values	Range of property values and The expanded uncertainties of property values ($k = 2$) 0.001 % ≦ C ≦ 5.0 %, 22 % ～ 2 % (Relatively) 0.0005 % ≦ S ≦ 0.70 %, 22 % ～ 1.8 % (Relatively) 0.0010 % ≦ O ≦ 0.020 %, 21 % ～ 9 % (Relatively) 0.0010 % ≦ N ≦ 0.050 %, 13 % ～ 5 % (Relatively) ※% means mass fraction (%)			

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