

ACCREDITATION CERTIFICATE

Issued under the authority of Bangladesh Accreditation Act, 2006
by Bangladesh Accreditation Board (BAB), Ministry of Industries to

Waffen Research Laboratory Ltd.

167/24, Matikata, ECB Chattar, Dhaka Cantonment

Dhaka-1206, Bangladesh

This is to certify that this

Testing Laboratory

is accredited in accordance with the international standard

ISO/IEC 17025:2017

in respect of the associated scope, subject to the terms and
conditions governing the relevant conformity assessment
body (CAB) accreditation.

Certificate Number : 01.055.19
Accreditation Date : 15 March 2019
Date of Issuance : 09 May 2022
Date of Expiration : 14 March 2025



Sheikh Faezul Amin
Sheikh Faezul Amin
Director General

SCOPE OF ACCREDITATION

(For Testing Laboratory)

CAB Name & Address: WAFFEN Research Laboratory Limited
167/24, Matikata, ECB Chattar, Dhaka Cantonment, Dhaka-1206, Bangladesh

Accreditation Standard: ISO/IEC 17025:2017 **Accreditation Date:** 15 March 2019

Certificate Number: 01.055.19 **Issued on:** 09 May 2022

Last Amended on: 04.12.2023 **Valid until:** 14 March 2025

Amendment no: 04

S.N.	Products/ Materials/ Items of test	Type of tests performed	Specifications/ Standard test methods/Techniques used	Range of testing/Limit of detection
Field: Microbiological				
01.	Food & Beverage	Total Plate Count	BAM, Chapter-3, 2001	10 CFU/ml or g
02.	Food and Animal Feed	Total Coliform count	ISO 4832:2006	1 CFU/ml or g
03.	Food and Animal Feed	Yeast & Mold Count	ISO 7954:1987(E)	10 CFU/ml or g
04.	Drinking Water	<i>E. coli</i>	ISO 9308-1:2014	Present or Absent per 250ml
05.	Food and Animal Feed	<i>Salmonella</i> spp.	ISO 6579:2002(E)	Present or Absent per 25g or 25ml
Field: Chemical				
01.	Feed & Cereal Food	Determination of Crude Protein	AOAC 2001.11	1% to 80%
02.	Feed & Cereal Food	Determination of Crude Fat	AOAC 920.39	0.5% to 80%
03.	Carbonated Beverages	Determination of Benzoic Acid	AOAC 979.08	1 mg/L to 1000 mg/L
04.	Carbonated Beverages	Determination of Caffeine	AOAC 979.08	1 mg/L to 1000 mg/L
05.	Cereal Food	Determination of Lead, Cadmium, Chromium, Iron, Zinc & Copper	WFN/SOP/100	0.02 mg/kg to 500 mg/kg
06.	Oils & Fats	Determination of Copper	WFN/SOP/106	0.02 mg/L to 500 mg/L
07.	Cereal Food	Determination of Moisture content	AOAC 925.10	0.1% to 90%
08.	Cereal Food	Determination of Ash content	AOAC 923.03	0.05% to 90%
09.	Cereal, Sugar & Sugar Product	Determination of Total Sugar content	WFN/SOP/105	0.7% to 100%
10.	Cereal Food	Determination of Vitamin-A	WFN/SOP/101	1 mg/kg to 1000 mg/kg
11.	Oils & Fats	Determination of Peroxide value	AOAC 965.33	1 milliequivalent/kg to 90 milliequivalent/kg
12.	Oils & Fats	Fatty Acids Profile	WFN/SOP/104	0.01% to 100%
13.	Dairy Product	Determination of	WFN/SOP/102	0.06 mg/L to

Quality Manager

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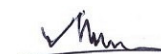
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S.N.	Products/ Materials/ Items of test	Type of tests performed	Specifications/ Standard test methods/Techniques used	Range of testing/Limit of detection
		Tetracycline		100 mg/L
14.	Dairy Product	Determination of Enrofloxacin	WFN/SOP/103	0.09 mg/L to 100 mg/L
15.	Vegetables (eggplant, cabbage, cauliflower, hyacinth bean, broccoli, and tomato)	Pesticide Residue (4,4'- DDT)	WFN/SOP/150	10 µg/kg to 500 µg/kg
16.	Vegetables (eggplant, cabbage, cauliflower, hyacinth bean, broccoli, and tomato)	Pesticide Residue (Chlorpyrifos)	WFN/SOP/150	10 µg/kg to 500 µg/kg
17.	Vegetables (eggplant, cabbage, cauliflower, hyacinth bean, broccoli, and tomato)	Pesticide Residue (Cypermethrin)	WFN/SOP/150	10 µg/kg to 500 µg/kg
18.	Vegetables (eggplant, cabbage, cauliflower, hyacinth bean, broccoli, and tomato)	Pesticide Residue (Methoxychlor)	WFN/SOP/150	10 µg/kg to 500 µg/kg

END



Quality Manager