



## Bangladesh Accreditation Board (BAB)

91, Motijheel C/A, Dhaka-1000, Tel: +880-2-9513221 Fax: +880-2-9513222

Email: [info@bab.org.bd](mailto:info@bab.org.bd) Web: [www.bab.org.bd](http://www.bab.org.bd)

# Certificate of Accreditation

This is to certify that

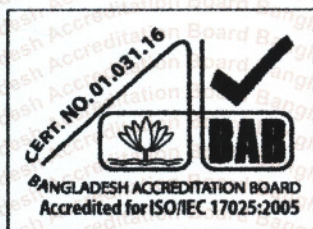
**Plasma Plus Application and Research Laboratory**

**House#12, Road#5A, Sector#11**

**Uttara, Dhaka-1230, Bangladesh**

has been granted accreditation in respect of the scope of accreditation described in the attached document, subject to the terms and conditions governing the relevant Conformity Assessment Body (CAB) accreditation

This **Testing Laboratory** having met the requirements of **ISO/IEC 17025:2005** and the BAB, is accredited for **Textile, Food, Pharmaceuticals and Environmental Testing** as described in the associated Scope of Accreditation.



**Certificate Number : 01.031.16**

**Issued on : 24 January 2016**

**Accreditation Date : 24 January 2016**

**Valid until : 23 January 2019**

**Director General**

**Bangladesh Accreditation Board (BAB)**

This certificate has been issued under the authority of Bangladesh Accreditation Act, 2006 and must be returned on request; reproduction must follow guidelines in place at date of issue. For the specific scopes to which this accreditation applies, please refer to the directory of accredited CABs at <http://www.bab.org.bd/directory-of-accredited-cabs>



## SCOPE OF ACCREDITATION

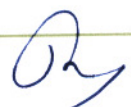
(For Testing Laboratory)

**CAB Name & Address:** Plasma Plus Application & Research Laboratory  
House -12, Road-5A, Sector-11, Uttara, Dhaka-1230,  
Bangladesh.

**Accreditation Standard:** ISO/IEC 17025:2005  
**Certificate Number:** 01.031.16  
**Last Amended on:** NA  
**Amendment no:** NA

**Accreditation Date:** 24 January 2016  
**Issued on:** 24 January 2016  
**Valid until:** 23 January 2019

S.N.	Products/ Materials/ Items of test	Type of tests performed	Specifications/ Standard test methods/Techniques used	Range of testing/Limit of detection
<b>Field: Textile Testing</b>				
01	Textile fabric, Garments	Determination of aromatic amines derived from Azo colorants (Azo dyes)		
		Aniline (62-53-3)		
		O-toluidine (95-53-4)		
		2,4-xylydine (95-68-1)		
		2,6-xylydine (87-62-7)		
		O-anisidine (90-04-0)		
		4-chloroaniline (106-47-8)		
		1,4-phenylenediamine (106- 50-3)	QCL-SOP-314-01 (Based on EN 14362-1, 2012 and EN 14362-3, 2012)	1-50000 mg/kg/ 0.07 – 0.6 mg/kg
		6-methoxy-m-toluidine (120- 71-8)		
		2,4,5-trimethylaniline (137-17- 7)		
		4-cholor-o-toluidine (95-69-2)		
		2,4-diaminotoluene (95-80-7)		
		4-methoxy-m- phenylenediamine (615-05-4)		
		2- naphthylamine (91-59-8)		
		5-nitro-o-toluidine (99-55-8)		
		4-aminobiphenyl (92-67-1)		

  
Quality Manager

## SCOPE OF ACCREDITATION

(For Testing Laboratory)

**CAB Name & Address:** Plasma Plus Application & Research Laboratory  
House -12, Road-5A, Sector-11, Uttara, Dhaka-1230,  
Bangladesh.

**Accreditation Standard:** ISO/IEC 17025:2005  
**Certificate Number:** 01.031.16  
**Last Amended on:** NA  
**Amendment no:** NA

**Accreditation Date:** 24 January 2016  
**Issued on:** 24 January 2016  
**Valid until:** 23 January 2019

S.N.	Products/ Materials/ Items of test	Type of tests performed	Specifications/ Standard test methods/Techniques used	Range of testing/Limit of detection
		4-aminoazobenzene (60-09-3)		
		4,4'-oxydianiline (101-80-4)		
		Benzidine (92-87-5)		
		4,4'-methylenedianiline (101-77-9)		
		o-aminoazotoluene (97-56-3)		
		4,4'-methylenedi-o-toluidine (838-88-0)		
		3,3'-dimethylbenzidine (119-93-7)		
		4,4'-thiodianiline (139-65-1)		
		3,3'-dimethoxybenzidine (119-90-4)		
		3,3 dichlorobenzidine(91-94-1)		
		4,4 methylene bis(o-chloroaniline) (101-14-4)		

\*\*\*END\*\*\*

  
Quality Manager

## SCOPE OF ACCREDITATION

(For Testing Laboratory)

**CAB Name & Address:** Plasma Plus Application & Research Laboratory  
House -12, Road-5A, Sector-11, Uttara, Dhaka-1230,  
Bangladesh.

**Accreditation Standard:** ISO/IEC 17025:2005  
**Certificate Number:** 01.031.16  
**Last Amended on:** NA  
**Amendment no:** NA

**Accreditation Date:** 24 January 2016  
**Issued on:** 24 January 2016  
**Valid until:** 23 January 2019

S.N.	Products/ Materials/ Items of test	Type of tests performed	Specifications/ Standard test methods/Techniques used	Range of testing/Limit of detection
<b>Field: Food Testing</b>				
01	Rice	Determination of Arsenic (As)	QCL-SOP-306-01 (based on AOAC & ASEAN Manual for Food Analysis)	2.0 - 8.0 ppb / 1 ppb
		Cadmium (Cd)	QCL-SOP-342-01 (based on AOAC & ASEAN Manual for Food Analysis)	0.5-2.0 ppb/ 0.2 ppb
		Lead (Pb)	QCL-SOP-307-01 (based on AOAC & ASEAN Manual for Food Analysis)	2.0 - 8.0 ppb/ 1 ppb
		Zinc (Zn)	QCL-SOP-343-01 (based on AOAC & ASEAN Manual for Food Analysis)	0.1- 0.8 ppm/ 0.05 ppm
02	Fish	Arsenic (As)		2.0 - 8.0 ppb / 1 ppb
		Cadmium (Cd)	QCL-SOP-327-01 (based on AOAC & ASEAN Manual for Food Analysis)	0.5- 2.0 ppb/ 0.2 ppb
		Lead (Pb)		2.0 - 8.0 ppb / 1 ppb
		Mercury (Hg)		2.5 - 10.0 ppb / 1 ppb

\*\*\*END\*\*\*

  
Quality Manager



## SCOPE OF ACCREDITATION

(For Testing Laboratory)

**CAB Name & Address:** Plasma Plus Application & Research Laboratory  
House -12, Road-5A, Sector-11, Uttara, Dhaka-1230,  
Bangladesh.

**Accreditation Standard:** ISO/IEC 17025:2005  
**Certificate Number:** 01.031.16  
**Last Amended on:** NA  
**Amendment no:** NA

**Accreditation Date:** 24 January 2016  
**Issued on:** 24 January 2016  
**Valid until:** 23 January 2019

S.N.	Products/ Materials/ Items of test	Type of tests performed	Specifications/ Standard test methods/Techniques used	Range of testing/Limit of detection
<b>Field: Pharmaceuticals Testing</b>				
01	Multivitamin & Multiminerals	Determination of Calcium (Ca)	QCL-SOP-349-01 (Based on Shimadzu Analytical Guidebook)	0.5 – 50 ppm / 0.009 ppm
		Magnesium (Mg)	QCL-SOP-350-01 (Based on Shimadzu Analytical Guidebook)	0.1 – 50 ppm / 0.001 ppm
		Iron (Fe)	QCL-SOP-351-01 (Based on Shimadzu Analytical Guidebook)	0.5– 50 ppm / 0.06 ppm
02	Multivitamin & Multiminerals	Determination of Chromium (Cr)	QCL-SOP-338-02 (Based on Shimadzu Analytical Guidebook)	0.1 – 5 ppm / 0.05 ppm
		Molybdenum (Mo)	QCL-SOP-339-02 (Based on Shimadzu Analytical Guidebook)	1.0 – 30 ppb / 0.5 ppb
		Selenium (Se)	QCL-SOP-340-02 (Based on Shimadzu Analytical Guidebook)	1.0 – 30 ppb / 0.5 ppb
		Vanadium (V)	QCL-SOP-341-02 (Based on Shimadzu Analytical Guidebook)	1.0 – 50 ppb / 0.5 ppb
03	Glycerol	Determination of Diethylene glycol by GC with FID detection	QCL-SOP-346-02, (Based on USP method)	10 – 10000 ppm / 5 ppm

\*\*\*END\*\*\*

  
Quality Manager

## SCOPE OF ACCREDITATION

(For Testing Laboratory)

**CAB Name & Address:** Plasma Plus Application & Research Laboratory  
House -12, Road-5A, Sector-11, Uttara, Dhaka-1230,  
Bangladesh.

**Accreditation Standard:** ISO/IEC 17025:2005

**Accreditation Date:** 24 January 2016

**Certificate Number:** 01.031.16

**Issued on:** 24 January 2016

**Last Amended on:** NA

**Valid until:** 23 January 2019

**Amendment no:** NA

S.N.	Products/ Materials/ Items of test	Type of tests performed	Specifications/ Standard test methods/Techniques used	Range of testing/Limit of detection
<b>Field: Environmental Testing</b>				
01	Drinking water	Determination of Arsenic (As)		5.0 - 20 ppb/ 2.0 ppb
		Cadmium (Cd)		0.5 - 2.0 ppb / 0.2 ppb
		Chromium (Cr)		0.5 - 2.0 ppb / 0.2 ppb
		Iron (Fe)	QCL-SOP-313-01 QCL-SOP-347-01 (based on APHA 3111 B	0.2 - 2.0 ppm/ 0.1 ppm
		Mercury (Hg) 323	US EPA 213.2, AWWA 3113 B)	2.5- 10 ppb/ 1.0 ppb
		Manganese (Mn)		0.1 - 2.0 ppm/ 0.05 ppm
		Lead (Pb)		5.0 - 20 ppb/ 2.0 ppb
		Determination of Organochlorine pesticides- Dibromochloropropane		0.13 - 50,000 ppb/ 0.04 ppb
02	ETP Wastewater	Etridiazole		0.13 - 50,000 ppb/ 0.04 ppb
		Chloroneb	QCL-SOP-324-01 (Based on USEPA Test method 608.1)	0.06 - 50,000 ppb/ 0.02 ppb
		Propachlor		3.3 - 50,000 ppb/ 1.0 ppb
		PCNB		0.2 -50,000 ppb/ 0.06 ppb

Quality Manager

## SCOPE OF ACCREDITATION

(For Testing Laboratory)

**CAB Name & Address:** Plasma Plus Application & Research Laboratory  
House -12, Road-5A, Sector-11, Uttara, Dhaka-1230,  
Bangladesh.

**Accreditation Standard:** ISO/IEC 17025:2005  
**Certificate Number:** 01.031.16  
**Last Amended on:** NA  
**Amendment no:** NA

**Accreditation Date:** 24 January 2016  
**Issued on:** 24 January 2016  
**Valid until:** 23 January 2019

S.N.	Products/ Materials/ Items of test	Type of tests performed	Specifications/ Standard test methods/Techniques used	Range of testing/Limit of detection
		Chloropropylate		0.7-50,000 ppb/ 0.2 ppb
		Chlorobenzilate		0.7-50,000 ppb/ 0.2 ppb

\*\*\*END\*\*\*

  
Quality Manager