



**ACCREDITATION
DOCUMENT**

F-06/02
Issue Date:18/08/2020
Rev. No: 09
LAB 118

Accreditation No: LAB 118

Awarded to
Laboratory of Kanzo Ag (Evyol Group), Plot # 09, Phase II,
Industrial Estate, Multan, Pakistan.

The scope of accreditation is in accordance with the standard specifications outlined in the following page(s) of this document. The accredited scope shall be visible and legible in areas such as customer service, sample-receiving section etc and shall not mislead its users.

The accreditation was first time granted on **23-02-2017** by Pakistan National Accreditation Council.

The laboratory complies with the requirements of **ISO/IEC 17025:2017**.

The accreditation requires regular surveillance, and is valid until **22-02-2026**.

The decision of accreditation made by Pakistan National Accreditation Council implies that the organization has been found to fulfill the requirements for accreditation within the scope.

The organization however, itself is responsible for the results of performed measurements/tests.

PAKISTAN NATIONAL ACCREDITATION COUNCIL

01-11-2024
Date

SD
Director General



ACCREDITATION DOCUMENT

F-06/02
Issue Date: 10/08/15
Rev. No: 07
LAB 118

Testing Laboratory.

**Accreditation Scope of Laboratory of Kanzo Ag (Evyol Group), Plot # 09, Phase II,
 Industrial Estate, Multan, Pakistan.**

Permanent laboratory premises



Materials/ Products Tested	Testing field (e.g.environmental testing or mechanical testing)	Types of test / Properties measured	Reference to standardized method (e.g. ISO 14577-1:2003) / Internal method reference
Emulsifiable Concentrate (EC) Pesticides	Physical Testing	Emulsion Characteristics of EC	CIPAC Handbook, Volume: F Edition 1995 (Latest Edition) MT# 36 Page# 108 Water base/Visual analysis
Aqueous Liquid	Physical Testing	Determination of pH value	CIPAC Handbook, Volume: F Edition 1995 (Latest Edition) MT# 75, Page # 205 pH meter
Pesticide & fertilizerLiquid	Physical Testing	Density of Liquids	CIPAC Handbook, Volume: F Edition 1995(Latest Edition) MT#3, Page # 11. Pycnometer
Water dispersible granule & wettable powder (WG/WP) (Pesticide)	Physical Testing	Persistent foaming	CIPAC Handbook, Volume: F Edition 1995 (Latest Edition) MT#47, Page # 152 Visual analysis
WG/WP & SC (Pesticides)	Physical Testing,	Suspensibility of formulations forming suspensions on dilution withwater.	CIPAC Handbook, Volume: K Edition 2003 (Latest Edition) MT# 184, Page # 142 MT#15.1(Vol. F) Page # 45 Visual analysis/ gravimetric method
Wettable powder (WP) (Pesticide)	Physical Testing	Wetting of Wettable powder	CIPAC Handbook, Volume: F Edition 1995 (Latest Edition) MT# 53.3, Page # 164 Visual analysis
Suspension Concentrate(SC) (Pesticide)	Physical Testing	Persistent foaming	CIPAC Handbook, Volume: F Edition 1995 (Latest Edition) MT# 47, Page # 152 Visual analysis
Water dispersible granules (WG) (Pesticides)	Physical Testing	Dispersibility of water dispersible granules (WG)	CIPAC Handbook, Volume: F Edition 1995(Latest Edition) MT# 174, Page # 435 Gravimetrically
Lufenuron EC	Quantitative Analysis	Active Ingredient	CIPAC Handbook, Volume: M Edition 2009 (Latest Edition) CIPAC# 704, Page # 106-114 Instrument HPLC Validated method # KAgL-VM 001

01-11-2024

Date

Sd

Director



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Rev. No: 09
LAB 118

Pyriproxyfen EC, WG	Quantitative Analysis	Active Ingredient	CIPAC Handbook, Volume: M Edition 2009 (Latest Edition) CIPAC# 715, Page # 180-188 Instrument HPLC Validated method # KAgL VM002
Fipronil G, SC	Quantitative Analysis	Active Ingredient	In-house Validated method #KAgL-VM 003
Lambda- cyhalothrin EC, WG	Quantitative Analysis	Active Ingredient	In-house Validated method #KAgL-VM 004
Pesticide & fertilizers Materials	Visual Techniques	Appearance & Physical State, Homogeneity, Color	In-house Validated Method # KAgL-VM 019
Halosulfuron- methyl EC	Quantitative Analysis	Active Ingredient	Validated method # KAgL-VM005
Profenofos EC	Quantitative Analysis	Active Ingredient	Validated method # KAgL-VM006
Bifenthrin EC, SC	Quantitative Analysis	Active Ingredient	Validated method # KAgL-VM007 Instrument HPLC
'Nitenpyram WDG, SL	Quantitative Analysis	Active Ingredient	Validated Method # KAgL-VM 008
Imidacloprid WS	Quantitative Analysis	Active Ingredient	Validated Method # KAgL-VM 009
'Dicamba' SL, WDG	Quantitative Analysis	Active Ingredient	Validated Method # KAgL-VM 010
S-Metolachlor EC, SE	Quantitative Analysis	Active Ingredient	Validated Method # KAgL-VM 011
Pyraclostrobin WP, WDG.	Quantitative Analysis	Active Ingredient	CIPAC Handbook, Volume: M Edition 2009 Latest Version CIPAC MT # 657 Page 171 Instrument HPLC Modified & Validated Method # KAgL-VM 012
Deltamethrin EC	Quantitative Analysis	Active Ingredient	Validated Method # KAgL-VM 013
Indoxacarb SC	Quantitative Analysis	Active Ingredient	Validated Method # KAgL-VM 014
Clothianidin WS, SC	Quantitative Analysis	Active Ingredient	Validated Method # KAgL-VM 015
Flonicamid WDG	Quantitative Analysis	Active Ingredient	Validated Method # KAgL-VM 016
Spirotetramet WDG, SC	Quantitative Analysis	Active Ingredient	Validated Method # KAgL-VM 017
Abamectin EC, WDG	Quantitative Analysis	Active Ingredient	Validated Method # KAgL-VM 018

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Application for extension in scope 2022

Azoxystrobin- WDG, SC, WS	Chemical Testing	Active Ingredient	Based On PT provider NLA South Africa (NLA-PT-T-P-06-08) HPLC
Mesotrione- WDG, SC, SE	Chemical Testing	Active Ingredient	Based On PT provider NLA South Africa (NLA-PT-T-P-23-02) HPLC
Difenconazole- WDG, EC	Chemical Testing	Active Ingredient	Based On PT provider NLA South Africa (NLA-PT-T-P-07-05) HPLC
Metsulfuron methyl- WDG,	Chemical Testing	Active Ingredient	CIPAC # 441, Handbook, Volume H , Page # 204, (Validated Method) HPLC
Spinosad- WDG, SC, SE	Chemical Testing	Active Ingredient	CIPAC # 636, Handbook, Volume L , Page # 121, (Validated Method) HPLC
Chlorantraniliprole G, WDG,	Chemical Testing	Active Ingredient	National Library of Medicine for Biotechnology Information USA (Validated Method) HPLC
Fertilizer/ Chelated Iron (G, Liquid)	Chemical Testing	Active Ingredient	Standard Test Method Based On HATCH USA Spectrophotometer
Pesticide/ Sulphur WDG, WG, WP	Chemical Testing	Active ingredient	CIPAC Handbook Volume E Edition 1993 Latest Version MT #18 Page 202 Titration
Fertilizer/ Hamate - Liquid & Solid	Chemical Testing	Quantitative Analysis of Humate	Based on F.J. Stevenson. Environ. Quality 1972, 1, 333. A.K. Fataflah PhD Thesis North-eastern University Boston, 1997 Gravimetric Analysis
Fertilizer of Potash (Solid & Liquid)	Chemical Testing	Quantitative Analysis of 'Potash' K ₂ O	Based on BIBBY SCIENTIFIC (JENWAY) Manufacturer Method UK Instrument, Flame photo Meter
Pendimethalin- EC	Chemical Testing	Active Ingredient	CIPAC # 357, Handbook, Volume: M , Page # 149, HPLC
Acetamiprid- SP, WDG	Chemical Testing	Active Ingredient	CIPAC # 649, Handbook, Volume: L , Page # 5- HPLC
Dinotefuron-WDG	Chemical Testing	Active Ingredient	CIPAC # 749, Handbook, Volume: L , Page # 67 HPLC
Triademifon-WP	Chemical Testing	Active Ingredient	CIPAC # 352, Handbook, Volume: N , Page # 126, HPLC

01-11-2024

Date

Sd

Director

	ACCREDITATION DOCUMENT	F-06/02 Issue Date:18/08/2020 Rev. No: 09 LAB 118
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Dimethomorp- WP, WDG	Chemical Testing	Active Ingredient	CIPAC # 483, Handbook, Volume: G, Page # 39, HPLC
Chlorpyrifos – EC	Chemical Testing	Active Ingredient	CIPAC # 221.b, Handbook, Volume: IC, Page # 2028, HPLC
Bensulfuron methyl (WP, WDG, SC)	Chemical Testing	Active Ingredient	CIPAC# 502, Handbook Volume: K, Page # 07 HPLC
Pesticide 'Solid & Liquid suspensions'	Physical Testing	Particle Size Analysis (Laser scattering)	CIPAC Handbook, Volume: K, Edition 2003 Latest Version MT # 187, Page 153 Particle Size Analyser
Pesticide-Liquid Products	Physical Testing	Viscosity Test For Liquid Formulation	CIPAC Handbook Volume: L Edition 2006 Latest Version MT # 192, Page 145/ Viscometer

Application for extension in scope 2023

Chlorfenapyr- WDG, SC	Chemical Testing	Active Ingredient	Based On HandBook Page # 46 Laboratory Manual Standard Methods For Analysis of Technical and Formulated Pesticides, Institute of Soil Chemistry & Environmental Sciences, Kala Shah Kaku. Pakistan HPLC
Thiamethoxam- WS, WDG, SC	Chemical Testing	Active Ingredient	Based On HandBook Page # 108 Laboratory Manual Standard Methods For Analysis of Technical and Formulated Pesticides, Institute of Soil Chemistry & Environmental Sciences, Kala Shah Kaku, Pakistan. ii) CRM provider A2S, France. HPLC
Cartap hydrochloride- G	Chemical Testing	Active Ingredient	i) Based On HandBook Page # 42 Laboratory Manual Standard Methods For Analysis of Technical and Formulated Pesticides, Institute of Soil Chemistry & Environmental Sciences, Kala Shah Kaku, Pakistan ii) CRM provider Chem Service, USA HPLC
Bispyribac sodium- WDG,WP	Chemical Testing	Active Ingredient	Based On HandBook Page # 46 Laboratory Manual Standard Methods For Analysis of Technical and Formulated Pesticides, Institute of Soil Chemistry & Environmental Sciences, Kala Shah Kaku. Pakistan. HPLC

01-11-2024

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	ACCREDITATION DOCUMENT		F-06/02 Issue Date:18/08/2020 Rev. No: 09 LAB 118
Myclobutanil- WP, EC,	Chemical Testing	Active Ingredient	Based On CRM provider A2S, France HPLC
Mesosulfuron methyl – WP, WDG, OD	Chemical Testing	Active Ingredient	Based On HandBook Page # 160 Laboratory Manual Standard Methods For Analysis of Technical and Formulated Pesticides, Institute of Soil Chemistry & Environmental Sciences, Kala Shah Kaku, Pakistan. HPLC
Flumetsulam WDG,	Chemical Testing	Active Ingredient	Based On CRM provider A2S, France HPLC
Sulfosulfuron- WDG, WP	Chemical Testing	Active ingredient	i) Based On HandBook Page # 108 Laboratory Manual Standard Methods For Analysis of Technical and Formulated Pesticides, Institute of Soil Chemistry & Environmental Sciences, Kala Shah Kaku, Pakistan. ii) CRM provider A2S, France. HPLC
Oxyfluorfen – EC, WP, G	Chemical Testing	Active ingredient	Based On CRM provider A2S, France HPLC
Fertilizer of Phosphorous/ Solid & Liquid	Chemical Testing	Quantitative Analysis of ‘Phosphorous’ P ₂ O ₅	Based on Pakistan Standard for Single Super Phosphate (2 nd Edition) PS: 67-1996. PSQCA. Karachi. Titration Method
Application for extension in scope 2024			
Fertilizer/ “Total Nitrogen” (Solid & Liquid)	Chemical Testing	Quantitative Analysis of ‘Total Nitrogen’	Based on the standard test method. (AOAC Official Method 955.04) “Kjeldhal’s distillation apparatus”
Bio Fertilizer	Fertilizer Testing (Bio-Stimulant)	“Bioassay”	Based on the PSQCA testing method PS: 5607-2023
Fertilizer/ “Naphthyl Acetic Acid PGR”	Chemical Testing	Quantitative Analysis of “Naphthyl Acetic Acid (NAA)”	Based on the standard test method. “HPLC”

01-11-2024

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