

AFRIMETS Food Safety Training Course Schedule 2023-2024

Activity					2023							2024								
#1	Instrument operation, maintenance and troubleshooting (max 10 participants per course)	Location	Dates	Duration	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug
INSTRUMENTATION	Gas chromatography	NMISA	July 2023 Feb 2024 July 2024	10 days (2 weeks)			■												■	
	Liquid chromatography	NMISA	Oct 2023 May 2024 Aug 2024	10 days (2 weeks)						■								■		
	Inductively Coupled Plasma Spectroscopy	NMISA	Oct 2023 May 2024 July 2024	10 days (2 weeks)						■								■		■
#2	Food Analysis practical training (max 10 participants)	Location	Dates	Duration	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug
SUMMER SCHOOL	Food labelling - protein and sugar analysis	NMISA	May-24	10 days (2 weeks)													■			
	Toxic and nutritional elements in food	NMISA	Sept 2023 Jun 2024	10 days (2 weeks)					■									■		
	Mycotoxin analysis in food and feed	NMISA	Aug 2023 Jun 2024	10 days (2 weeks)				■										■		
	Pesticide analysis in fruits	NMISA	Oct 2023 Jul 2024	10 days (2 weeks)						■									■	
#3	Food Contaminant Analysis	Location	Dates	Duration	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug
PESTICIDES	Theory 1: Preparation of organic solution (pesticide)	Virtual	Jun 2023	1 day		■														
	Practical assessment 1: Prepare and value assign the reference solution		Jul 2023				■													
	Feedback workshop 1: Pesticide in organic solvent	Virtual	Aug 2023	1 day				■												
	Theory 2: Determination of pesticide in fruit matrix	Virtual	Aug-23	1 day				■												
	Practical assessment 2: Determination of pesticide in fruit matrix.		Aug-Sept 2023					■	■											
	Feedback workshop 2: Pesticide in fruit	Virtual	Sep-23	1 day					■											
HEAVY METALS	Theory 3: Preparation of inorganic elements in aqueous solution	Virtual	May-24	1 day													■			
	Practical assessment 3: Prepare and value assign the reference solution		May-June 2024														■	■		
	Feedback workshop 3: Elements in solution	Virtual	Jun-24	1 day														■		
	Theory 4: Determination of elements in seafood matrix	Virtual	June-July 2024	1 day														■	■	
	Practical assessment 4: Determination of elements in seafood matrix		July - Aug 2024															■	■	
	Feedback workshop 4: Elements in seafood matrix	Virtual	Aug-24	1 day																■
VETERINARY DRUGS	Theory 5: Preparation of organic salt solution (vet drug)	Virtual	May-24	1 day													■			
	Practical assessment 5: Prepare and value assign the reference solution		May-June 2024														■	■		
	Feedback workshop 5: Veterinary drug salt in solvent	Virtual	Jun-24	1 day														■		
	Theory 6: Determination of veterinary drug in meat	Virtual	June-July 2024	1 day														■	■	
	Practical assessment 6: Determination of veterinary drug in meat		July - Aug 2024															■	■	
	Feedback workshop 6: Determination of veterinary drug in meat	Virtual	Aug-24	1 day																■
#4	Food analysis - Foundation training	Location	Dates	Duration	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug
CHEMICAL METROLOGY - SUITE	Introduction to chemical metrology	Virtual	Aug-23	2 days				■												
	Method validation	Virtual	Oct-23	3 days						■										
	Establishing metrological traceability for chemical measurements	Virtual	Sep-23	2 days					■											
	Estimation of measurement uncertainty	Virtual	Nov-23	3 days							■									
	Practical assessment 1) Aflatoxins in nuts or 2) Heavy metals in wheat		Nov 2023 - Jan 2024								■	■	■							
	Feedback workshop on practical assessment	Virtual	Feb-24	1 day											■					
	Repeat assessment 1) Aflatoxins in nuts or 2) Heavy metals in wheat		Mar-24													■				
#5	PT schemes to support extension of accreditation scope	Location	Dates	Duration	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug
PT SCHEMES	Mycotoxins		May 2023 - Aug 2024		■			■			■		■				■			■
	Toxic and nutritional elements in food		Sept 2023 - Aug 2024						■	■									■	■
	Pesticides		May 2023 - Aug 2024		■	■	■				■		■					■		■
	Food labelling		Jun 2023 - June 2024			■								■					■	