

Proficiency testing scheduled in Chemical Metrology/Materials/biology

Key	Name	Registration deadline	Protocol delivery date	Start date	Delivery date of final report	Cost USD	Measurand	Interval µmol/mol	Remark
CNM-EA-600-0002/2020	Proficiency test for environmental laboratories of measurement and analysis of emission to the atmosphere according to NOM-085-SEMARNAT-2011	17/07/2020	24/07/2020	07/09/2020	23/10/2020	1118	SO <sub>2</sub> , NO, CO and O <sub>2</sub>	CO: 100 to 400; SO <sub>2</sub> : 100 to 500, NO: 50 to 600 ppm, O <sub>2</sub> : 3 to 6 %	The test is in situ, bring your equipment to CENAM
CNM-EA-600-0003/2020	Water measurement by Karl Fischer method	03/07/2020	20/07/2020	27/07/2020	30/09/2020	389	Water content	(4 - 7) g/100 g	Coulometric and volumetric Karl Fischer techniques
CNM-EA-600-0004/2020	Water measurement by Karl Fischer method	22/04/2019	09/05/2019	13/05/2019	03/07/2019	389	Water content	(4 - 7) g/100 g	Coulometric and volumetric Karl Fischer techniques
CNM-EA-600-0006/2020	Detection and quantification of DNA	21/08/2020	28/08/2020	04/09/2020	23/10/2020	425	t-NOS/hmgA, p35S/hmgA,	(5-30) %	Quantification measurands p35S / hmgA, t-NOS / hmgA.
CNM-EA-610-0001/2020	Characterization of precious metals used in jewelry using scanning electron microscopy (EDEX) and X-ray fluorescence	10/07/2020	13/07/2020	20/07/2020	10/08/2020	471	Gold, platinum, copper and silver	(0-100) % in mass fraction	
CNM-EA-630-001/2020	Water measurement and fatty acids in edible vegetable oil	02/10/2020	06/11/2020	01/11/2020	29/01/2021	299	Water content and mass fraction of fatty acids: palmitic, stearic, oleic, linoleic and linolenic	Depends of the measurands and the mass fraction of each measurand	Edible vegetable oil samples will be sent. Approximately 100 g
CNM-EA-630-0002/2020	Qualitative and quantitative determination of pesticides in freeze-dried avocado	26/06/2020	03/07/2020	06/07/2020	02/10/2020	367	Pesticides to be identified	10 µg/kg to 20 mg/kg	
CNM-EA-630-0004/2020	Pesticides on coffee cherry	24/07/2020	31/07/2020	03/08/2020	27/11/2020	320	Pesticides to be identified	20 µg/kg a 20 mg/kg	
CNM-EA-630-0006/2020	Measurement of bromatological parameters and fatty acids in processed meat	14/08/2020	21/08/2020	24/08/2020	09/10/2020	525	Solids, ashes, protein, carbohydrates, myristic acid, palmitic acid, stearic acid, oleic acid and linoleic acid	Varies according to the measurand	The reference material is a mixture of pork and chicken mixed from a commercial process of approximately 85 g
CNM-EA-630-0009/2019	Measurement of bromatological parameters in milk powder samples	10/07/2020	17/07/2020	20/07/2020	02/10/2020	339	Protein: <35 g/100 g Fat: <1 g/100 g Ash: <9 g/100 g Lactose: <60 g/100 g	Varies according to the measurand	16 participants are considered
CNM-EA-630-0010/2020	Measurement of nitrogen, ash and potassium in wheat flour	10/07/2020	13/07/2020	14/07/2020	09/10/2020	278	Nitrogen: 0.5 g to 7 g/100 g Ash: <5 g/100 g Potassium: (500 - 5000) mg/kg		5 participants and the use of 5 samples are considered