



SCOPE OF ACCREDITATION TO ISO/IEC 17043:2010

NATIONAL INSTITUTE FOR FOOD CONTROL  
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PROFICIENCY TESTING PROVIDER

Valid To: July 31, 2021

Certificate Number: 4254.01

In recognition of the successful completion of the A2LA evaluation process, this proficiency testing provider has been found to meet the ISO/IEC 17043:2010, "Conformity assessment-General Requirements for Proficiency testing". Accreditation is granted to this provider to provide proficiency testing samples in the following programs:

<u>PROGRAM<sup>1</sup></u>	<u>FREQUENCY</u>	<u>SAMPLE TYPE(S)</u>
1. Food microbiology: 1.1 Total Aerobic Plate Count enumeration 1.2 <i>E. coli</i> enumeration 1.3 <i>Staphylococcus aureus</i> / Coagulase positive staphylococci enumeration 1.4 Total Coliforms enumeration 1.5 <i>Salmonella</i> detection 1.6 <i>Listeria monocytogenes</i> detection 1.7 <i>Bacillus cereus</i> enumeration 1.8 Yeast and Mold enumeration	Twice/year	Milk powder Nutrition powder Food
2. Water microbiology: 2.1 <i>E. coli</i> enumeration 2.2 Total Coliforms enumeration 2.3 <i>P. aeruginosa</i> enumeration 2.4 <i>S. faecalis</i> (Enterococci) enumeration	Once or twice/year	Drinking water
3. Animal feed: 3.1 <i>Salmonella</i> detection 3.2 <i>E. coli</i> enumeration	Once/year	Animal feed powder

<u>PROGRAM<sup>1</sup></u>	<u>FREQUENCY</u>	<u>SAMPLE TYPE(S)</u>
4. Liquor: 4.1 Ethanol 4.2 Methanol 4.3 Aldehyde 4.4 Fufurol 4.5 Ester 4.6 Isobutyl alcohol, Isoamyl alcohol	Once/year	Liquor
5. Water chemistry: 5.1 Hardness 5.2 Nitrate 5.3 Nitrite 5.4 Pb 5.5 Cd 5.6 As 5.7 Cu 5.8 Fe 5.9 Zn 5.10 Mn	Once or twice/year	Domestic water Drinking water
6. Fish sauce: 6.1 Nitrogen 6.2 Ammoniacal nitrogen 6.3 Acid amine nitrogen 6.4 Sodium Chloride (NaCl) 6.5 Acidity	Once/year	Fish sauce
7. Beverages: 7.1 Cyclamate 7.2 Acid benzoic 7.3 Sorbic acid 7.4 Pb 7.5 Cd	Once/year	Beverages
8. Functional food: 8.1 <i>Glycyrrhizauralensi</i> qualification 8.2 <i>Angelica sinensis</i> qualification 8.3 Curcumin quantitation	Once/year	Functional food
9. Vitamins: 9.1 Vitamin B1 9.2 Vitamin B2 9.3 Vitamin A 9.4 Vitamin E	Once/year	Milk powder Animal feed Functional food



<u>PROGRAM<sup>1</sup></u>	<u>FREQUENCY</u>	<u>SAMPLE TYPE(S)</u>
10. Composition parameters: 10.1 Moisture 10.2 Total Ash 10.3 Lipid 10.4 Protein 10.5 Caffeine	Twice/year	Milk powder Cereal powder Coffee Functional food Animal feed
11. Mycotoxin: 11.1 Aflatoxin (B1, B2, G1, G2)	Once/year	Corn powder Animal feed
12. Pesticides: 12.1 Chlorpyrifos 12.2 Permethrine 12.3 Carbofuran	Once/year	Vegetables
13. Antibiotics: 13.1 Tetracycline 13.2 Clortetracycline 13.3 Oxytetracycline 13.4 Chloramphenicol	Once/year	Meat Animal feed
14. Beta-agonist: 14.1 Salbutamol	Once/year	Animal feed
15. Melamine: 15.1 Melamine	Once/year	Animal feed
16. Mineral: 16.1 Ca 16.2 Mg 16.3 Na 16.4 K	Once/year	Food Functional food
17. Metals: 17.1 Cu 17.2 Fe 17.3 Zn	Once/year	Food Functional food
18. Antibiotics: 18.1 Aminoglycoside class (gentamycin, streptomycin)	Once/year	Milk



<u>PROGRAM<sup>1</sup></u>	<u>FREQUENCY</u>	<u>SAMPLE TYPE(S)</u>
19. Antibiotics: 19.1 Quinolone class (erofloxacin) 19.2 Sulfonamide class (sulfadimidine) 19.3 Macrolide (erythromycin, spiramycin)	Once/2 years	Meat
20. Additive Food 20.1 Sweetener (Aspartame, Acesulfame K, Saccharin) 20.2 Food Colors	Once/year	Beverage
21. Tea 21.1 Moisture 21.2 Ash 21.3 Caffeine 21.4 Polyphenol	Once/year	Tea
22. Meat 22.1 Moisture 22.2 Ash 22.3 Lipid 22.4 Protein 22.5 Salt	Once/year	Meat
23. Functional food – Vitamin C	Once/year	Functional food
24. Feed Animal – Organic Acid	Once/2 years	Animal feed
25. Wine 25.1 Sulfur Dioxide 25.2 Acidity 25.3 Sugar	Once/year	Wine
26. Amino Acid Content	Once/year	Food Animal feeding stuff
27. Glucosamin	Once/year	Functional food
28. Adenosine and Cordycepin	Once/year	Functional food
29. Flavonoids	Once/2 years	Functional food



<u>PROGRAM<sup>1</sup></u>	<u>FREQUENCY</u>	<u>SAMPLE TYPE(S)</u>
30. Collagen Total	Once/2 years	Functional food
31. Taurine	Once/2 years	Functional food Milk
32. Choline	Once/2 years	Food supplement Feedstuffs
33. Sibutramine	Once/2 years	Dietary supplement
34. Ginsenoside (Rg1, Rb1)	Once/2 years	Dietary supplement
35. L-Carnitine	Once/2 years	Dietary supplement
36. Coenzyme Q10	Once/2 years	Dietary supplement
37. Chondroitine	Once/2 years	Dietary supplement
38. Glutathione	Once/2 years	Dietary supplement
39. Alpha lipoic acid	Once/2 years	Dietary supplement
40. MSM	Once/2 years	Dietary supplement
41. Sildenafil	Once/2 years	Dietary supplement
42. Ochratoxin A	Once/year	Coffee powder
43. Histamin	Once/year	Fish sauce

<sup>1</sup>Assigned values and associated uncertainties determined via participant consensus values.





## *Accredited Proficiency Testing Provider*

A2LA has accredited

### **NATIONAL INSTITUTE FOR FOOD CONTROL**

*Ha Noi Capital, VIETNAM*

This accreditation covers the specific proficiency testing schemes listed on the agreed upon Scope of Accreditation.

This provider is accredited in accordance with the recognized International Standard ISO/IEC 17043: 2010 *Conformity assessment - General requirements for proficiency testing*. This accreditation demonstrates technical competence for a defined scope and the operation of a quality management system.



Presented this 15<sup>th</sup> day of May 2017.

President and CEO  
For the Accreditation Council  
Certificate Number 4254.01  
Valid to July 31, 2021

*For the proficiency testing schemes to which this accreditation applies, please refer to the provider's Scope of Accreditation.*