



Instruction Sheet for Participating Tenderer

Instructions

1. The set of samples (Dyes and Sweeteners) intended for the tender of the triple quad LCMSMS consist of the following:

Group Y: Salted Egg yolk Matrix - Acetonitrile extract

- i) Sample Blank - Y(Blank)
- ii) Spiked Extract 1 - Y(S1)
- iii) Spiked Extract 2 - Y(S2)
- iv) Sudan dye standard - 100ppb (Std Y)

Group Z: Food Matrix - Acetonitrile and Water extract

- i) Sample Blank - Z(Blank)
- ii) Spiked Extract 1 - Z(S1)
- iii) Spiked Extract 2 - Z(S2)
- iv) Sweetener standard - 100ppb (Std Z)

2. Upon the receipt of the samples, please start to analyse the samples as soon as possible. The tenderers are required to report the results by the closing date and time of the tender. Please submit the testing results to Mr Allan Phua of Food and Nutrition Chemistry Section by either email or hardcopy report.

3. **Analyse and submit the results for the following (do not use any other forms of sample clean up except syringe filter):**

Groups Y and Z

i) Analyse with identification and quantification of detected compounds for both sample blank and spiked extracts 1 and 2

4. The test findings should include:

- A summary report (as in attachment)
- Detailed HPLCMSMS running conditions
- The MRM chromatograms for standards and all samples
 - (i) For group Y submission, please include the 1ppb, 0.5ppb, 0.25ppb and 0.125ppb standard chromatograms
 - (ii) For group Z submission, please include the 10ppb, 5ppb, 1ppb and 0.5ppb standard chromatograms
- Calibration curves

Note: Any compound listed but not reported as positive detection in the test report will be treated as not detected.

5. Please seek any further clarification with Mr Allan Phua at **6795 2808** or **allan_phua@ava.gov.sg** for any samples related issues.

Acknowledgement of sample receipt:

I acknowledge the receipt of the 2 sample sets as described above. I understand the instructions given above and will undertake to report the test results on time.

Name of Company

Name of Company representative

Signature & Date

Suggested Format of Summary Report

(This form should be expanded as necessary)

Please indicate "ND" for compounds that are not detected

Group	Compound	Blank(ppb)	S1(ppb)	S2(ppb)
Y	Sudan I			
	Sudan II			
	Sudan III			
	Sudan IV			
	Sudan Black B			
	Sudan Orange G			
	Sudan red B			
	Sudan red G			
	Sudan red 7B			
	Rhodamine B			
	Para red			
LC Parameters for Y	Column Used			
	Mobile Phase (A:B)			
	Gradient			
Z	Acesulfame K			
	Advantame			
	Aspartame			
	Neotame			
	Saccharin			
	Sodium Cyclamate			
	Sucralose			
	Alitame			
	Stevioside			
	Rebaudioside A			
LC Parameters for Z	Column Used			
	Mobile Phase (A:B)			
	Gradient			