eurofins | Food Integrity & Innovation

Report Number: 4671116-0
Report Date: 15-Oct-2024
Report Status: Final

Certificate of Analysis

Cha Yuan Tea Culture Pte Ltd

Mountbatten Square #03-06L
229 Mountbatten Road
Singapore
398007 Singapore

Sample Name:	**Cha Yuan Tea (including green tea white tea yellow tea oolong tea black tea dark tea)**	**Eurofins Sample:**	**14577589**
Project ID	CHAYUAN_SG-20241007-0001	**Receipt Date**	07-Oct-2024
PO Number	CVD	**Receipt Condition**	Ambient temperature
Description	Premix	**Login Date**	07-Oct-2024
		Date Started	09-Oct-2024
		Sampled	Sample results apply as received

Analysis	Specifications	Result
Elements by ICP Mass Spectrometry		
Arsenic	<= 1 ppm	0.108 ppm
Cadmium	<= 0.2 ppm	0.0579 ppm
Lead	<= 2 ppm	0.473 ppm
Mercury	<= 0.05 ppm	0.00960 ppm
Antimony	<= 1 ppm	0.0137 ppm
Tin	<= 250 ppm	0.110 ppm
Multi-Residue Analysis (500+ Compounds)		
Matrix Type - To Determine Limit of Quantification (LOQ)		Spices - Botanicals - and other Specialty Samples
Pyrethrum (total)	<= 1 ppm	<0.50 ppm
Other tested pesticides		<0.050 ppm

Method References	Testing Location
Elements by ICP Mass Spectrometry (ICP_MS_S)	**Food Integrity Innovation-Singapore**
Official Methods of Analysis, Methods 2011.19 and 993.14, and 2015.01, AOAC INTERNATIONAL, (Modified).	
Multi-Residue Analysis (500+ Compounds) (PS05_S)	**Food Integrity Innovation-Singapore**
Official Methods of Analysis, *AOAC Official Method 2007.01*, Pesticide Residues in Foods by Acetonitrile Extraction and Partitioning with Magnesium Sulfate, AOAC INTERNATIONAL (modified).	

CEN Standard Method EN 15662: Food of plant origin - Determination of pesticide residues using GC-MS and/or LC-MS/MS following acetonitrile extraction/partitioning and clean-up by dispersive SPE - QuEChERS method.

List of the tested pesticides and their limits of quantification (LOQs) are available upon request.

eurofins | Food Integrity & Innovation

Report Number:	**4671116-0**
Report Date:	**15-Oct-2024**
Report Status:	**Final**

Certificate of Analysis

Cha Yuan Tea Culture Pte Ltd

Mountbatten Square #03-06L
229 Mountbatten Road
Singapore
398007 Singapore

Testing Location(s)	**Released on Behalf of Eurofins by**
Food Integrity Innovation-Singapore	**Karen De Lacy - Director**

Eurofins Food Testing Singapore Pte. Ltd.
61 Science Park Road
#05-03 The Galen
Singapore 117525
+65 6971 0882

ilac-MRA A2LA ACCREDITED
2918.02

These results apply only to the items tested. This certificate of analysis shall not be reproduced, except in its entirety, without the written approval of Eurofins. Measurement uncertainty for individual analyses can be obtained upon request.