



Accreditation No. 1031/47

## Analysis / Test Report

**Client :** TD Food And Beverage Co., Ltd.  
300, Prachautid Road, Thungkhru, Thungkhru, Bangkok Thailand 10140

**Lot ID: 2241330**

Date Received : Apr 04, 2022

**P/O :**

Date Reported : Apr 21, 2022

**Project Name :**

Report Number : 2291186-1 Rev. No.1

**Project Location :**

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**Sample Number** 2241330-4  
**Sample Description** Houjicha (Roasted green tea powder) MATCHAZUKI Brand  
**Date Analysis Commenced** Apr 05, 2022  
**Condition of Sample** Packed in three pouches

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Food Testing</b>							
Ash (Dry basis) *	g/100g	-	-	5.22	4-8	In-house method STM No.03-112 based on AOAC (2019), 900.02A	Bangkok
Caffeine	%	0.0001	0.0003	1.52	≥1.5	In-house method STM No. 03-037 based on AOAC (2019), 980.14	Bangkok
Hot Water Extract (Dry basis) *	%	-	-	33.6	≥32	TIS-Blacktea	Bangkok
Moisture	g/100g	-	-	0.74	≤8	In-house method STM No.03-138 based on AOAC (2019), 925.09	Bangkok
Water Soluble Ash *	% of Total Ash	-	-	61.1	≥45	TIS-Blacktea	Bangkok
<b>Microbiological Testing</b>							
Total Plate Count	CFU/g	-	-	<10	No Standard	BAM (2001), Chapter 3	Bangkok
Yeast and Mold	CFU/g	-	-	<10	<100	BAM (2001), Chapter 18	Bangkok
<b>Synthetic Colorants</b>							
Allura Red (E129) *	mg/kg	0.3	1.0	Not Detected	No Standard	In-house method STM No. 03-101 based on Eur Food ResTechnol (2005) 00, DOI 10, 1007/s00217-005-0157-0, Germany	Bangkok
Amaranth (E123) *	mg/kg	0.3	1.0	Not Detected	No Standard	In-house method STM No. 03-101 based on Eur Food ResTechnol (2005) 00, DOI 10, 1007/s00217-005-0157-0, Germany	Bangkok
Brilliant black (E151) *	mg/kg	0.3	1.0	Not Detected	No Standard	In-house method STM No. 03-101 based on Eur Food ResTechnol (2005) 00, DOI 10, 1007/s00217-005-0157-0, Germany	Bangkok
Brilliant blue (E133) *	mg/kg	0.3	1.0	Not Detected	No Standard	In-house method STM No. 03-101 based on Eur Food ResTechnol (2005) 00, DOI 10, 1007/s00217-005-0157-0, Germany	Bangkok
Brilliant green (E142) *	mg/kg	0.3	1.0	Not Detected	No Standard	In-house method STM No. 03-101 based on Eur Food ResTechnol (2005) 00, DOI 10, 1007/s00217-005-0157-0, Germany	Bangkok

Approved by

*S. Chanta*

Sumalee Chanta  
Assistant Manager

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**Sample Number** 2241330-4  
**Sample Description** Houjicha (Roasted green tea powder) MATCHAZUKI Brand  
**Date Analysis Commenced** Apr 05, 2022  
**Condition of Sample** Packed in three pouches

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Synthetic Colorants</b>							
Carmoisine (E122) *	mg/kg	0.3	1.0	Not Detected	No Standard	In-house method STM No. 03-101 based on Eur Food ResTechnol (2005) 00, DOI 10, 1007/s00217-005-0157-0, Germany	Bangkok
Erythrosine (E127) *	mg/kg	0.3	1.0	Not Detected	No Standard	In-house method STM No. 03-101 based on Eur Food ResTechnol (2005) 00, DOI 10, 1007/s00217-005-0157-0, Germany	Bangkok
Fast green (E143) *	mg/kg	0.3	1.0	Not Detected	No Standard	In-house method STM No. 03-101 based on Eur Food ResTechnol (2005) 00, DOI 10, 1007/s00217-005-0157-0, Germany	Bangkok
Indigocarmine (E132) *	mg/kg	0.3	1.0	Not Detected	No Standard	In-house method STM No. 03-101 based on Eur Food ResTechnol (2005) 00, DOI 10, 1007/s00217-005-0157-0, Germany	Bangkok
Patent blue (E131) *	mg/kg	0.3	1.0	Not Detected	No Standard	In-house method STM No. 03-101 based on Eur Food ResTechnol (2005) 00, DOI 10, 1007/s00217-005-0157-0, Germany	Bangkok
Ponceau 4R (E124) *	mg/kg	0.3	1.0	Not Detected	No Standard	In-house method STM No. 03-101 based on Eur Food ResTechnol (2005) 00, DOI 10, 1007/s00217-005-0157-0, Germany	Bangkok
Quinoline yellow (E104) *	mg/kg	0.3	1.0	Not Detected	No Standard	In-house method STM No. 03-101 based on Eur Food ResTechnol (2005) 00, DOI 10, 1007/s00217-005-0157-0, Germany	Bangkok
Sunset Yellow (E110) *	mg/kg	0.3	1.0	Not Detected	No Standard	In-house method STM No. 03-101 based on Eur Food ResTechnol (2005) 00, DOI 10, 1007/s00217-005-0157-0, Germany	Bangkok

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Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Synthetic Colorants</b>							
Tartrazine (E102) *	mg/kg	0.3	1.0	Not Detected	No Standard	In-house method STM No. 03-101 based on Eur Food ResTechnol (2005) 00, DOI 10, 1007/s00217-005-0157-0, Germany	Bangkok

**Guideline :** Notification of The Ministry of Public Health No.196 B.E. 2543 & 277 B.E. 2546

**Note :** This Analysis test report is reissued to supersede report No.2276470-1, Date Reported : Apr 16, 2022 due to revise guideline/specification

Remark :

- LOD : Limit of Detection
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
- Analyte(s) marked \* is/are not included in scope of Accreditation ISO/IEC 17025.

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