CERTIFICATE OF ANALYSIS

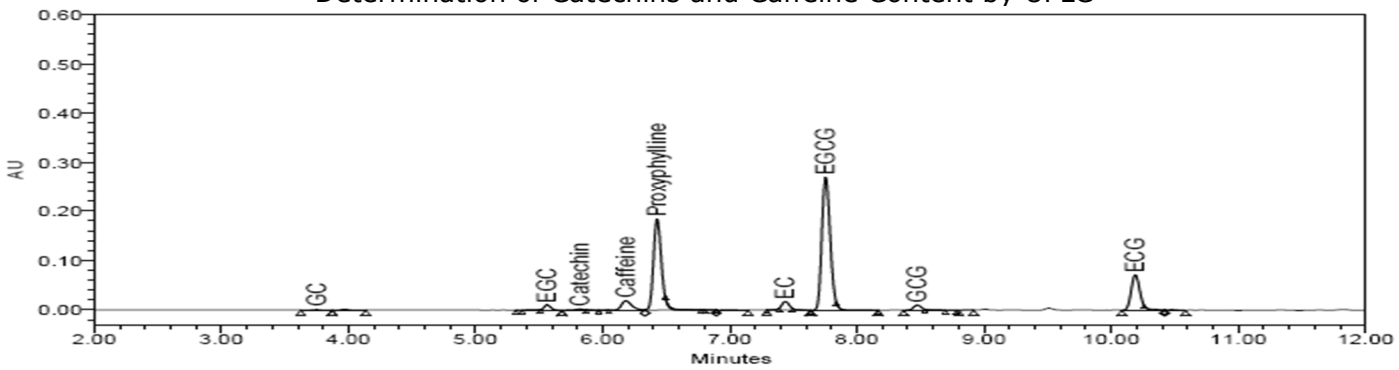
ALKEMIST LABS

12661 HOOVER STREET GARDEN GROVE, CA 92841 | P. 714-754-4372 | F. 714-668-9972 | WWW.ALKEMIST.COM

Report Issued To: Harrison Sport Nutrition SL
C/Lanjarón 6A
Albolote Granada 18220
ESP

Sample Name: FP 02230 - HSN Essentials - Green Tea 500mg 2.0 120 vcaps
Description: Capsule powder; Capsules [white bottle]
Lot #: L211130A1
AL #: 22132ECF_3
Analysis ID: 176737
Received: 05/12/22

Determination of Catechins and Caffeine Content by UPLC



Ret. Time (min)	Compound Name	Prep 1 (%)	Prep 2 (%)	Average (%)	Average (mg/capsule)	Specification	Result
3.8	Gallocatechin (GC)	1.052	1.030	1.041	5.422	N/A	N/A
5.6	Epigallocatechin (EGC)	9.990	10.188	10.089	52.532	N/A	N/A
5.8	Catechin	0.685	0.672	0.679	3.533	N/A	N/A
7.5	Epicatechin (EC)	4.990	5.037	5.014	26.106	N/A	N/A
7.8	Epigallocatechin Gallate (EGCG)	42.872	43.623	43.248	225.190	Report Only	N/A
8.5	Gallocatchin Gallate (GCG)	1.301	1.308	1.304	6.791	N/A	N/A
10.2	Epicatechin Gallate (ECG)	7.936	8.065	8.000	41.658	N/A	N/A
	Total Catechins	68.826	69.922	69.374	361.231	Report Only	N/A

Chromatographic Conditions:

Method:	ATM-815-0287
Column:	AP276 Zorbax SB-C18 4.6 x 30 mm 1.8 µm (4.6 x 30 mm)
Temperature:	25°C
Flow Rate:	1.2 mL/min
Injection Volume:	2 µL
UV Detection:	280 nm
Mobile Phase:	0.1% Trifluoroacetic Acid in Water 0.1% Trifluoroacetic Acid in Acetonitrile
HPLC Instrument:	UPLC_1

Sample Preparation:
Transferred approximately 10 mg of sample into a 10 mL volumetric flask. Added 2.5 mL of internal standard and filled to volume with 50% ethanol. Vortexed 30 seconds and let sit in a 30 degree water bath for 10 minutes. Let cool and mixed by inversion before filtering into an HPLC vial for analysis.

Report Summary:

Conclusion:	This "FP 02230 - HSN Essentials - Green Tea 500mg 2.0 120 vcaps" test sample contains an average of 225 mg EGCG/capsule and 361 mg total catechins/capsule on the as-is basis.
OOS Reference:	N/A
Fill Weight:	520.70 mg/capsule
WI Reference:	13822 Catechins

Diana Jimenez
Lead Analytical Chemist

Digitally signed by Diana Jimenez
Date: 2022.05.23 10:12:23 -07'00'

Analysis Date : 05/19/22 **Analyzed By: JM Lopez**

Authorized By: Diana Jimenez, Lead Analytical Chemist