

Person in charge: Ms. S. Kobüssen

Hamburg, 05.04.2024

Analytical report**AR-24-HR-021515-01****Sample Code****207-2024-00021866**

Order from: 26.03.2024
Reception date time: 27.03.2024
Sample name: Organic Lapsang Souchong 8320 (tea material)
Client sample code: Art.-Nr.: 400-B, Charge: EK-25170
Origin: China
Organic: Yes
Tea region: others China
Tea type: black tea
Article No.:
Cost center:
Gross weight: 113 g
Start analysis: 27.03.2024
End analysis: 05.04.2024

Pesticides	Result	MRL	RL	Unit
SP930 - 14 Pesticides QuEChERS GC-MS/MS (#)				
Method: DIN EN 15662:2018-07 mod., SPG-14.141, GC-MS/MS (Modification: Adjustment of d-SPE-ratio; additional clean-up step required)				
Anthraquinone	0.023	0.02	0.01	mg/kg
Other screened pesticides	< reporting limit			

SP920 - 13 Pesticides QuEChERS LC-MS/MS (LC4) (#)Method: DIN EN 15662:2018-07 mod., SPG-14.141, LC-MS/MS
(Modification: Adjustment of d-SPE-ratio)**Page 1/3**

All information regarding the sample (except those recorded on site or at sample registration by Eurofins) have been provided by the client. This information can have an impact on the validity of the analytical results.

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IBAN DE64 2073 0017 7000 0003 00
BIC-/SWIFT-Code HYVEDEMM17
DE118666989

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Pesticides	Result	MRL	RL	Unit
Screened pesticides	< reporting limit			
SPGG4 - 2 Glyphosate, AMPA (Glyphosate metabolite) and Glufosinate (#)				
Method: Internal Method, SPG-14.158.5, SPG-14.158, LC-MS/MS				
Glyphosate	< 0.01		0.01	mg/kg
Aminomethylphosphonic acid (AMPA)	< 0.01		0.01	mg/kg
Glufosinate	< 0.01		0.01	mg/kg
HRUC4 - 1 Chlorate (#)				
Method: Internal Method, SPG-14.188.8, SPG-14.188, LC-MS/MS				
Chlorate	< 0.01		0.01	mg/kg
HRUM3 - 1 Matrine, Oxymatrine (#)				
Method: Internal Method, SPG-14.188.8, SPG-14.188, LC-MS/MS				
Matrine	< 0.01		0.01	mg/kg
Oxymatrine	< 0.01		0.01	mg/kg
HRUP2 - 1 Perchlorate (#)				
Method: Internal Method, SPG-14.188.8, SPG-14.188, LC-MS/MS				
Perchlorate	0.045	0.75	0.01	mg/kg

MRL = Maximum Residue Level

RL = Reporting Limit

(#) = Eurofins Dr. Specht International GmbH is accredited for this test.

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The analysed sample contains a residue of Anthraquinone with a concentration of 0.023 mg/kg, while the Maximum Residue Level (MRL) for this crop is 0.02 mg/kg according to regulation (EC) 396/2005 (regulation on maximum residue levels of pesticides in or on food and feed) in its currently valid version at the time of report creation.

This MRL is not clearly exceeded considering an expanded measurement uncertainty of 50 % (k=2, without sampling according to SANTE/11312/2021).

Furthermore the results of the above mentioned analyses are - regarding the content of Perchlorate - in accordance with the requirements of the Commission Regulation (EU) No. 2023/915 on maximum levels for certain contaminants in food in their currently valid version.



Analytical Service Manager (Annika Honold)

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