


Scope of analysis Tea and tealike products, Extract, January 2020			Sender:		
In order to provide you with an individual offer, please let us know which analyses are of interest to you and which sample volume you expect.			<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>		
Analysis	Code	Method	LOQ	Interest in Analysis	Expected sample quantity per year
<b>Quality Parameters</b>					
Ash	25348	§ 64 LFGB		<input type="checkbox"/>	<input type="text"/>
Ash and Hydrochloric acid insoluble ash	25356	DIN 10802 DIN 10805		<input type="checkbox"/>	<input type="text"/>
Appearance, Odor, Flavor	310	Organoleptic		<input type="checkbox"/>	<input type="text"/>
Caffeine	25514	§ 64 LFGB		<input type="checkbox"/>	<input type="text"/>
Dry matter content	25304	§ 64 LFGB		<input type="checkbox"/>	<input type="text"/>
Essential oil determination	955	ISO		<input type="checkbox"/>	<input type="text"/>
Microbiology THIE, Herbal and Fruit Infusions  Aerobe Mesophile, E.coli, Salmonella, Moulds, Yeasts	52011	Microbiology		<input type="checkbox"/>	<input type="text"/>
Microbiology THIE, Tea (Camellia sinensis)  Aerobe Mesophile, E.coli, Salmonella, Moulds, Yeasts	52012	Microbiology		<input type="checkbox"/>	<input type="text"/>
Pollution impurities	271	Optical		<input type="checkbox"/>	<input type="text"/>
Water extract	25370	§ 64 LFGB		<input type="checkbox"/>	<input type="text"/>
Water-insoluble Ash	25347	§ 64 LFGB		<input type="checkbox"/>	<input type="text"/>
<b>Residues / Contaminants</b>					
Aflatoxin B1, B2, G1, G2	45107	LC-MS/MS	0,5 µg/kg	<input type="checkbox"/>	<input type="text"/>
Anthraquinone*	88315	GC-MS/MS	0,01 mg/kg	<input type="checkbox"/>	<input type="text"/>
Bromide** (inorganic)	77500	ICP-MS	2 mg/kg	<input type="checkbox"/>	<input type="text"/>
Dithiocarbamates and Thiuramdisulfides	86223	GC-MS	0,01 mg/kg	<input type="checkbox"/>	<input type="text"/>
Elementanalysis**	see list of elements in the appendix			<input type="checkbox"/>	<input type="text"/>

Glyphosate	88502	LC-MS/MS	0,01 mg/kg	<input type="checkbox"/>	<input type="text"/>
Mineraloils (MOSH/MOAH)*	13061	HPLC-GC	0,5 mg/kg	<input type="checkbox"/>	<input type="text"/>
Nicotine	88503	LC-MS/MS	0,01 mg/kg	<input type="checkbox"/>	<input type="text"/>
Ochratoxin A	45117	LC-MS/MS	0,5 µg/kg	<input type="checkbox"/>	<input type="text"/>
PAH (polycyclic aromatic hydrocarbons)*	49054	GC-MS/MS	1,0 µg/kg	<input type="checkbox"/>	<input type="text"/>
Pentachlorophenol (PCP)*	86798	HRGC	0,01 mg/kg	<input type="checkbox"/>	<input type="text"/>
Perchlorate and Chlorate*	88461	LC-MS/MS	0,01 mg/kg	<input type="checkbox"/>	<input type="text"/>
Pesticide Screening* (600+ substances, including Anthraquinone)	88500	LC-MS/MS GC-MS/MS	s. Parameter list	<input type="checkbox"/>	<input type="text"/>
Pyrrolizidine alkaloids BfR-17	45181	LC-MS/MS	10 - 20 µg/kg	<input type="checkbox"/>	<input type="text"/>
Pyrrolizidine alkaloids BfR-28+3	45183	LC-MS/MS	10 - 50 µg/kg	<input type="checkbox"/>	<input type="text"/>
Pyrrolizidine alkaloids BfR-28+3 (BfR-PA-tea-2.0, 2014)	45188	SPE-LC-MS/MS	0,5 - 8 µg/kg	<input type="checkbox"/>	<input type="text"/>
Pyrrolizidine alkaloids BfR-28+3 -GMP- (BfR-PA-tea-2.0, 2014)	45176	SPE-LC-MS/MS	0,5 - 8 µg/kg	<input type="checkbox"/>	<input type="text"/>
Tropane alkaloids	45189	LC-MS/MS	1 µg/kg	<input type="checkbox"/>	<input type="text"/>
Tropane alkaloids	45190	LC-MS/MS	10 µg/kg	<input type="checkbox"/>	<input type="text"/>
<b>General</b>					
Declaration / label check	362			<input type="checkbox"/>	<input type="text"/>
Weight, declared weight	350	Gravimetric		<input type="checkbox"/>	<input type="text"/>
<b>Sensory tests according to request:</b>					
Triangle test				<input type="checkbox"/>	<input type="text"/>
Function test				<input type="checkbox"/>	<input type="text"/>
Sensory profile test				<input type="checkbox"/>	<input type="text"/>

## Packages

Basic-Package Tea - Camellia sinensis	36420			<input type="checkbox"/>	<input type="text"/>
pollution impurities, dry matter, ash, hydrochloric acid insoluble ash, water- extract, caffeine, microbiology acc. to THIE					
Basic-Package Herbal & Fruit Infusions	36421			<input type="checkbox"/>	<input type="text"/>
pollution impurities, dry matter, ash, hydrochloric acid insoluble ash, microbiology acc. to THIE					
Basic-Package Fennel tea, Mint tea, Chamomile tea	36422			<input type="checkbox"/>	<input type="text"/>
pollution impurities, essential oil, dry matter, ash, hydrochloric acid insoluble ash, microbiology according to THIE					
Basic-Package Tea, Residues / Contaminants	36423			<input type="checkbox"/>	<input type="text"/>
Pyrrolizidinalkaloids, Tropane alkaloids, PAH, Perchlorate, Chlorate, Pesticide-Screening, Glyphosate, Nicotine					

### I am interested in analytics for other product groups:

Hemp products				<input type="checkbox"/>	
Coffee				<input type="checkbox"/>	
Herbs / Spices				<input type="checkbox"/>	
Honey				<input type="checkbox"/>	

Methods are accredited.

\*Sub-contracting of non-accredited work to associated laboratory

\*\*Sub-contracting of non-accredited work to a qualified subcontractor

Depending on the analysis we need about 250 g sample material.

This is an extract of our scope of analysis. We accept no liability for completeness, correctness or dateness.

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