

Attachment no. 1 to the Certificate of Analysis for work order FP2608392

Sample:

NoordCode Pure Coffee

ALS SAMPLE ID:

FP2608392/ 001

Measurement results PAH 4:

Sample:	NoordCode Pure Coffee		
Sample weight [g]:	14.32	Final extract volume [μl]:	1000
		Injection volume [μl]:	2
		Acquisition date [d/m/y]:	09.04.26
PAH	Result [μg/kg]	Limit of Detection [μg/kg]	Limit of Quantification [μg/kg]
Benzo[a]anthracene	< 0.88	0.088	0.88
Chrysene	< 0.88	0.088	0.88
Benzo[b]fluoranthene	< 0.88	0.088	0.88
Benzo[a]pyrene	< 0.88	0.088	0.88
Σ 4PAH -"Lowerbound"	0	-	-
Σ 4PAH -"Upperbound"	3.5	-	-

The limits of quantification are defined on the base of blank level.

The limit of detection is defined as the amount of analyte producing a signal with $S/N \geq 3$.

The value of the detection limit is mentioned as the actual value at the acquisition date.

Measurement uncertainty is expressed as a double ($k=2$) relative standard deviation (RSD%), and corresponds to 95% confidence interval.

Estimation of uncertainty PAH is 30% for each PAH and 20% for summation parameters.

These values were ensured by analyses of certified reference material under conditions of internal reproducibility. Results marked "<" lower than the limit of detection or quantification.

Levels „Lowerbound" a „Upperbound" are defined in Regulation 2017/644 and EN 1948-4.

Sum of 4PAH and maximum levels are defined in Commission Regulation (EU) No 835/2011

Attachment no. 1 to the Certificate of Analysis for work order FP2608392**Sample:****NoordCode Pure Coffee****ALS SAMPLE ID:****FP2608392/ 001****Measurement results PAH 16:**

Sample:	NoordCode Pure Coffee		
Sample weight [g]:	14.32	Final extract volume [µl]:	1000
		Injection volume [µl]:	2
		Acquisition date [d/m/y]:	09.04.26
PAH	Result [µg/kg]	Limit of Detection [µg/kg]	Limit of Quantification [µg/kg]
Naphthalene	< 20	0.98	20
Acenaphthylene	< 2	0.098	2
Acenaphthene	< 0.98	0.049	0.98
Fluorene	< 2.4	0.12	2.4
Phenanthrene	< 5.9	0.4	5.9
Anthracene	< 1.5	0.15	1.5
Fluoranthene	< 2.4	0.16	2.4
Pyrene	< 2	0.14	2
Benzo[a]anthracene	< 0.88	0.088	0.88
Chrysene	< 0.88	0.088	0.88
Benzo[b]fluoranthene	< 0.88	0.088	0.88
Benzo[k]fluoranthene	< 0.88	0.088	0.88
Benzo[a]pyrene	< 0.88	0.088	0.88
Indeno[1,2,3-cd]pyrene	< 0.88	0.088	0.88
Dibenzo[a,h]anthracene	< 0.88	0.088	0.88
Benzo[g,h,i]perylene	< 0.88	0.088	0.88
Σ 16PAH -"Lowerbound"	0	-	-
Σ 16PAH -"Upperbound"	44	-	-

The limits of quantification are defined on the base of blank level.

The limit of detection is defined as the amount of analyte producing a signal with $S/N \geq 3$.

The value of the detection limit is mentioned as the actual value at the acquisition date.

Measurement uncertainty is expressed as a double ($k=2$) relative standard deviation (RSD%), and corresponds to 95% confidence interval.

Estimation of uncertainty PAH is 30% for each PAH and 20% for summation parameters.

These values were ensured by analyses of certified reference material under conditions of internal reproducibility. Results marked "<" lower than the limit of detection or quantification.

Levels „Lowerbound" a „Upperbound" are defined in Regulation 2017/644 and EN 1948-4.