

Client: Higham Miller Coffee Limited
14 Cranleigh Road
London
N15 3AD
UNITED KINGDOM

Certificate Code: AR-22-UD-331351-01
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Reported On: 04/07/2022
PO reference: PO12012
Reported By: Michal Lakomy
Analytical Services Manager -
Chemistry

Certificate of Analysis

Sample number	400-2022-00323913	Received on	23/06/2022
Your sample code	22-AHX-078	Analysis started on	23/06/2022
Your sample reference	Coffee Beans - Sample 392		
Batch Code	10	Use By Date	2022-09-20
Product code	392	Production Date	2022-06-20

Test Code	Analyte	Results	Units	Method Ref.
JKCQA †	3,4-O-dicaffeoylquinic acid (3,4-diCQA) ^{°^}	0.060	g/100 g	
JKCQA †	3,5-O-dicaffeoylquinic acid (3,5-diCQA) ^{°^}	0.049	g/100 g	
JKCQA †	3-O-caffeoylquinic acid (3-CQA)	0.522	g/100 g	
JKCQA †	3-O-caffeoylquinic acid lactone (3-CQL)	0.206	g/100 g	
JKCQA †	3-O-feruloylquinic acid (3-FQA) [°]	0.064	g/100 g	
JKCQA †	4,5-O-dicaffeoylquinic acid (4,5-diCQA) ^{°^}	0.083	g/100 g	
JKCQA †	4-O-caffeoylquinic acid (4-CQA)	0.673	g/100 g	
JKCQA †	4-O-caffeoylquinic acid lactone (4-CQL)	0.090	g/100 g	
JKCQA †	4-O-feruloylquinic acid (4-FQA) [°]	0.072	g/100 g	
JKCQA †	5-O-caffeoylquinic acid (5-CQA)	1.340	g/100 g	
JKCQA †	5-O-feruloylquinic acid (5-FQA) [°]	0.148	g/100 g	
JKCQA †	Sum Chlorogenic Acid	33.1	g/kg	
JKCQA †	Sum Chlorogenic Acid	3.31	g/100 g	

† Indicates that the analysis was subcontracted and accredited to ISO 17025

Opinions and interpretations within this report are outside our accreditation scope.
Pass/Fail criteria or other comments where shown are based on specifications agreed with client or Eurofins general limits and do not take in to account measurement of uncertainty, unless stated
Unless otherwise stated, all results are expressed on a sample as received basis.
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Key: cfu colony forming units
< denotes less than
> denotes greater than
~ estimated value

Eurofins Food Testing UK Limited
i54 Business Park
Valiant Way
Wolverhampton
WV9 5GB

T +44 1902 627200
F +44 1902 627296
www.eurofins.co.uk

Registered Office:
i54 Business Park
Valiant Way
Wolverhampton
WV9 5GB
Regd in England No: 5009315