

Reference Material Data Sheet

RTDFC Ground Dark Fire-Cured Tobacco

Data Sheet Number: 2018-GT02CTRP

Reference values generated on: 03/05/2018

Reference values are valid until: 03/05/2019

Superseded data sheet code: 2016-GT02CTRP

Description of Material	Ground raw tobacco
Lot/Batch Number	RTDFC Ground Dark Fire-cured Tobacco
Matrix	Single-variety tobacco
Major starting materials	Dark fire-cured tobacco

Notes

1. Reference values listed below reflect analysis results submitted by a single laboratory using a single method satisfying Clause 5.15 of ISO Guide 34:2009 and statistically evaluated using Approach A in Clause 10.5 of ISO Guide 35:2006.
2. The "Reference Uncertainty" listed herein are expanded uncertainties obtained by multiplying the combined standard uncertainty by a constant coverage factor of 3, i.e. $k = 3$.
3. The reference values listed herein are reflective of chemical analysis done on an "as is" basis, i.e. the samples were not dried prior to analysis.

RTDFC Ground Dark Fire-cured Tobacco Reference Values and Uncertainties

Reference Values and Uncertainties					
Parameter	Reference Value	Reference Uncertainty	Unit	Number of accepted data points	Constant Coverage factor
Nicotine	35475	449	µg/g	20	3
Nornicotine	534	21	µg/g	20	3
Anabasine	167	16	µg/g	20	3
Anatabine	744	30	µg/g	20	3
NNN	2.01	0.24	µg/g	20	3
NAT	2.96	0.89	µg/g	20	3
NAB	0.23	0.06	µg/g	20	3
NNK	0.44	0.06	µg/g	20	3
Moisture	12.6	0.1	%	20	3

INSTRUCTIONS FOR CORRECT USE:

The reference material should be stored in the original packaging or in airtight containers just large enough to contain the sample in a cool dry place (~4°C) upon receipt. If the reference material will not be used within ~1 week, it is recommended that the reference material be stored at, or below, -20°C until needed. Allow the reference materials to thaw and equilibrate in the refrigerator (~4°C) for 24 hours and then at least 1 hour at ambient conditions prior to using.

HAZARD INFORMATION: N/A

HOMOGENEITY: Homogeneity of this material is reflected in the expanded uncertainties disclosed herein.

APPROVING PERSONNEL: This material is approved by **Huihua Ji**, **Socrates Jose P. Cañete** and **Orlando D. Chambers** on behalf of CTRP.