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Reference Material Data Sheet

RT10 Ground Dark Fire-Cured Tobacco

Data Sheet Number: 2024-RT10CTRP
Reference values generated on: 05/09/2024
Reference values are valid until: 05/09/2029
Superseded data sheet code: **2019-RT10CTRP**

Description of Material	Ground raw tobacco
Lot/Batch Number	**RT10 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.

RT10 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	35123	1570	µg/g	30	3
Nornicotine	542	40	µg/g	30	3
Anabasine	150	85	µg/g	30	3
Anatabine	705	181	µg/g	30	3
NNN	2.05	0.29	µg/g	30	3
NAT	2.92	0.67	µg/g	30	3
NAB	0.21	0.11	µg/g	30	3
NNK	0.47	0.15	µg/g	30	3
Moisture	12.6	0.2	%	27	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, C. Ruth McNees** and **Ling Yuan** on behalf of CTRP.