

Reference Material Data Sheet

RT9 DAC Ground Dark Air-cured Tobacco

Data Sheet Number: 2024-RT09CTRP

Reference values generated on: May 09, 2024

Reference values are valid until: May 09, 2029

Superseded data sheet code: **2019-RT09CTRP**

Description of Material	Ground raw tobacco
Lot/Batch Number	RT9 DAC Ground Dark Air-cured Tobacco
Matrix	Single-variety tobacco
Major starting materials	Dark air-cured tobacco

Notes

- 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.
- The "Reference Uncertainty" listed herein are expanded uncertainties obtained by multiplying the combined standard uncertainty by a constant coverage factor of 3, i.e. $k = 3$.
- 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.

RT9 DAC Ground Dark Air-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	44281	1181	µg/g	34	3
Nornicotine	805	219	µg/g	34	3
Anabasine	172	44	µg/g	34	3
Anatabine	1150	271	µg/g	34	3
NNN	3.50	1.00	µg/g	34	3
NAT	3.94	0.50	µg/g	34	3
NAB	0.21	0.02	µg/g	34	3
NNK	1.92	0.37	µg/g	34	3
Moisture	12.6	0.3	%	31	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.