

## Reference Material Data Sheet

### *RT11 2R5F Ground Filler*

**Data Sheet Number: 2024-RT11CTRP**

Reference values generated on: May 09, 2024

Reference values are valid until: May 09, 2029

Superseded data sheet code: **2021-RT11CTRP**

Description of Material	Ground cigarette filler, unflavored
Lot/Batch Number	<b>RT11 2R5F Ground Filler</b>
Matrix	Tobacco blend
Major starting materials	Flue-cured, Flue-cured puffed, Burley, Burley puffed and Turkish oriental tobacco types, reconstituted tobacco sheets, glycerin, inverted sugar

#### 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 a "as is" basis, i.e. the samples were not dried prior to analysis.
- The reference values and uncertainties contained herein will be updated by the valid until date or as needed.

### *RT11 2R5F Ground Filler Reference Values and Uncertainties*

Reference Values and Uncertainties					
Parameter	Reference Value	Reference Uncertainty	Unit	Number of accepted data points	Constant Coverage factor
Nicotine	18256	638	µg/g	25	3
Nornicotine	672	83	µg/g	25	3
Anabasine	96	8	µg/g	25	3
Anatabine	614	42	µg/g	25	3
NNN	2.84	0.34	µg/g	25	3
NAT	2.54	0.62	µg/g	25	3
NAB	0.13	0.02	µg/g	25	3
NNK	0.91	0.13	µg/g	25	3
Moisture	12.7	0.7	%	25	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) after receipt. If the reference material will not be used within 1~week, it is recommended that the reference material is stored at, or below, -20 °C until needed. Allow the reference materials to equilibrate in the refrigerator 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** in behalf of CTRP.