

Cigarette Tobacco Filler

Art. ID	NIST-3222
Unit	20 x 10 g
Deliverydetails	No Dangerous Good /not restricted

Description

This Standard Reference Material (SRM) is intended primarily for use in evaluating the accuracy of procedures for the determination of nicotine (NIC), tobacco specific nitrosamines (TSNAs), N-nitrosornicotine (NNN) and 4-(methylnitrosamino)-1-(3-pyridyl)-1-butanone (NNK), and moisture in tobacco. It is also intended for use in validating working or secondary reference materials. SRM 3222 was prepared from air-cured, low nicotine tobacco. A unit of SRM 3222 consists of 20 jars, each containing approximately 10 g of cigarette tobacco filler. /// Sample value(s) - please ask for current certificate.

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
Mass Fraction (as-received), k = 2	Nicotine	[54-11-5]	0,117 ± 0,018	mg/g		
Mass Fraction (dry-mass basis), k = 2	Nicotine	[54-11-5]	0,132 ± 0,021	mg/g		
Mass Fraction (as-received), k = 2	N'-Nitrosornicotine (NNN)	[80508-23-2]	1440 ± 90	ng/g		
Mass Fraction (dry-mass basis), k = 2	N'-Nitrosornicotine (NNN)	[80508-23-2]	1630 ± 110	ng/g		
Mass Fraction (as-received), k = 2	NNK	[64091-91-4]	31,3 ± 2,5	ng/g		
Mass Fraction (dry-mass basis), k = 2	NNK	[64091-91-4]	35,4 ± 2,8	ng/g		
Mass Fraction (dry-mass basis), k = 2	Volatiles		0,115 ± 0,002	g/g		