

Blueberry (Fruit) - Organic acids

Art. ID	NIST-3287
Unit	5 packets x 5 g each
Deliverydetails	No Dangerous Good /not restricted

Description

This Standard Reference Material (SRM®) is intended primarily for use in validating analytical methods for the determination of organic acids and nutrients in blueberries and similar matrices. This SRM can also be used for quality assurance when assigning values to in-house control materials. A unit of NIST-3287 consists of five packets, each containing approximately 5 g of freeze-dried, powdered fruit. Certified values /// Sample value(s) - please ask for current certificate.

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
	Citric acid	[77-92-9]	24,33 ± 0,63	mg/g		
	Malic acid	[6915-15-7]	1,711 ± 0,060	mg/g		
	Quinic acid	[77-95-2]	25,53 ± 0,73	mg/g		
	Free Thiamin		1,679 ± 0,030	mg/kg		
	Free Niacin	[59-67-6]	2,864 ± 0,090	mg/kg		
	Free Pantothenic acid		3,36 ± 0,19	mg/kg		
	Free Pyridoxine	[65-23-6]	1,263 ± 0,020	mg/kg		
	Calcium (Ca)	[7440-70-2]	323 ± 16	mg/kg		
	Copper (Cu)	[7440-50-8]	2,22 ± 0,16	mg/kg		
	Iron (Fe)	[7439-89-6]	12,20 ± 0,74	mg/kg		
	Magnesium (Mg)	[7439-95-4]	313,7 ± 7,2	mg/kg		
	Manganese (Mn)	[7439-96-5]	8,47 ± 0,59	mg/kg		
	Phosphorus (P)	[7723-14-0]	671 ± 21	mg/kg		
	Potassium (K)	[7440-09-7]	4490 ± 220	mg/kg		
	Zinc (Zn)	[7440-66-6]	6,49 ± 0,61	mg/kg		