

Annex 1 - MICROBIOLOGY

Regulations of the Republic of Serbia	<ul style="list-style-type: none"> Pursuant to the Regulation on General and Special Conditions for Food Hygiene at any stage of production, processing and trade – Off. Gazette 72/2010 Pursuant to the Regulation on Special Conditions for Hygiene of Fresh and Frozen Raspberries and Blackberries at all stages of trading – Off. Gazette 80/2011 Regulation on Special Conditions for Hygiene of Fresh and Frozen Small Fruit at the production, processing and trade stages (“Off. Gazette of RS“, No. 48/2016) Regulation on the Quality of Products Made from Fruit, Vegetables, Mushrooms and Pectin Preparations – “Off. Gazette of SFRY“, No. 1/79, 20/82, 39/89 – as amended, 74/90 and 46/91 – as amended, "Off. Gazette of FRY“, No. 33/95 – as amended and 58/95 and "Off. Gazette of SCG", No. 56/2003 – as amended, 4/2004 – as amended, 12/2005 – as amended and 43/2013, 72/214, 101/2015 	
Tested parameter	Limit values	Method
Salmonella sp	Cannot be present in 25 g	ISO 6579 2008
Escherichia coli	m<100cfu/g; M _≤ 1000cfu/g	ISO 16649-2 2008
Listeria monocytogenes	M<100cfu/g	ISO 11290 2010
Regulations of the European Union	<ul style="list-style-type: none"> COMMISSION REGULATION (EC) No. 2073/2005 of 15 November 2005 on microbiological criteria for foodstuffs and COMMISSION REGULATION (EC) No. 1441/2007 of 5 December 2007 amending the Regulation (EU) No. 2073/2005 on microbiological criteria for foodstuffs 	
Tested parameter	Limit values	Method
Salmonella sp	Cannot be present in 25 g	ISO 6579 2008
Escherichia coli	m<100cfu/g; M _≤ 1000cfu/g	ISO 16649-2 2008
Requirements of the production practice for fruit	<ul style="list-style-type: none"> Requirements based on the properties of the technological process, processing stage, questionnaires and requirements of purchasers, previous results of external analysis etc. 	
Enterobacteriaceae	m<10cfu/g; M<1000cfu/g	ISO 21528-2 2009

ISSUE No.	DATE	DEVELOPED	APPROVED	LIST / LISTS
Previous issue:0				1
Issue: 01	1 November 2017	Nikolić Predrag	Vukotić Marko	2

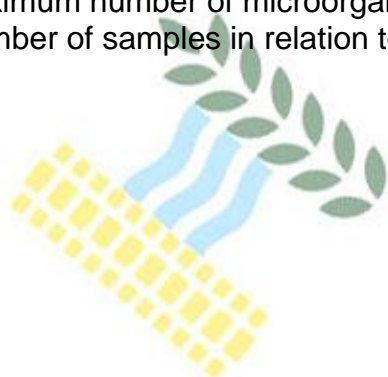
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Total aerobic bacteria count	m<10000cfu/g; M<100000cfu/g	ISO 4833-1 2014
Yeasts	m<1.000cfu/g; M _≤ 5.000cfu/g	ISO 21527-1 2011
Moulds	m<1.000cfu/g; M _≤ 5.000cfu/g	ISO 21527-1 2011
Coliform bacteria	m<10cfu/g; M<1000cfu/g	ISO 4832 2014
Staphylococcus aureus	m<10cfu/g; M<100cfu/g	ISO 6888-1 2009
Bacillus cereus	m<10cfu/g; M<1000cfu/g	ISO 7932 2009
Sulphite-reducing clostridia	m<10cfu/g	ISO 15213 2011
Enterococcus	m<10cfu/g	Hand book
Coagulase-positive staphylococci	m<10cfu/g	ISO 688-1 2009
Proteus	No presence	VM/MET 316
Norovirus GI and GII	No presence	ASU I.25.04.01-1
Hepatitis A	No presence	PV-28-PCR-PF-169
Special requirements	<ul style="list-style-type: none"> Special requirements are defined by the specifications of purchasers, or purpose of the product for further use, laws of other countries etc., where the parameters for controlling and testing, as well as limit values, have been specified. 	

Note:

m – permitted number of microorganisms in the sample

M – maximum number of microorganisms which may be found in the sample, but in that case, total number of samples in relation to the number of samples with deviations is most often 5/2



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Previous issue:0				2
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