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Table 3: Replic	ate RLU, m	ean RLU	, Sr, and	RSDr va	lues of U	ItraSnap	Surface	ATP me	thod us	ed on wet	food matrixes.	All RLU va	alues mea	sured in an	моло
EnSURE lumin	ometer. A n	egative	control	consistin	g of ster	ile analy	te free v	vater wa	s used.	(1)	-	1	<b>6</b> 1		
	Dilution	DOL	LICE		CV 1	V	Replicat	e	V	15UDC		Mean	Stan. Dev.	RSDr <sup>d</sup>	
O CO	восиви	~ <b>1</b>	HQ280	311	CK4 P	MO	6	ж7н	8	9	10	КО	HOBO	ЛОКО	моло
	water	0	0	0	0	0	0	0	0	0	0	0	0.00	NA <sup>e</sup>	
Lamb Leg	-5	2 <sup><i>e</i></sup>	1	1	1	1	1	1	6 <sup>e</sup>	1	1	1	0.00	NA	$\mathbb{P}$
NP Steak HO	BOCMEN MONOK	44	32	34	28	22	18	×18 <sup>H</sup>	21	25	32	27	8.26	30.2	НОВОСИЕ
	-2	298	508	731	569	638	441	533	584	507	473	528	117	22.1	
	-1.75	1445	1433	1171	1648	1189	1835	1506	1280	2097	1004	1461	330	22.6	$\mathbb{A}$
ИРСК НС	во1,5 БИ	1568	1817	2396	1231	2161	3078	2784	1821	2158	2351	2137	554	СИБ 25.9	новосия
	Sterile water	1	0	0	0	0	5	3	1	2	4	2	1.84	115	
	-6	2	3	6	3	8	4	1	3	1	o 升	3	2.42	78.2	- $+$ $>$
Pink Icing	BOCAIEN	PC5	H <sub>6</sub> BO		СK <sub>9</sub> н	600	8	ж <sub>12</sub> н	16	12	Новоси	9K	3.49	39.7	новосия
Doughnut	-3.5	64	39	47	52	49	46	70	73	40	41	52	12.5	24.0	
	-3	74	80	60	70	127	63	68	39	102	129	81	29.3	36.1	- HN
ирск но	во-2.5 Би	342	-336	271	337	226	563	441	515	312	Н260ОСИ	360	111.3	СИБІ 30.9К	новосия
	Sterile water	3	5	7	9	4	6	3	4	6	4	5	1.91	37.5	моло
	4.	3	3	17	15 <sup>e</sup>	6	3	3	3	2	2	4	1.74	48.9	- M
Strawberry	BOCIIE	PC6	HGBO	CU811	16	12	ME51PG	ж <sub>15</sub> н	80	15	Навоси	10 <sup>K</sup>	4.45	CHE 42.8	новосия
Yogurt	-2.75	40	22	37	39	47	28	39	38	75 <sup>e</sup>	49	38	8.40	22.3	Mono
	-2.5	215	124	104	178	149	139	181	197	194	127	161	37.1	23.1	JN I
ирск но	BOCINEN	180	260	533 <sup>e</sup>	306	226	203	286	233	207	Н368 ОСИ	252	59.4	СИБ. 23.6	новосия
	Sterile water	2	2	1	2	1	1	2	3	9 <sup>e</sup>	3	2	0.78	41.4	моло
	45	8	7	9	10	15	16	11	12	13	12 ( )	11	2.91	25.7	- N
Orange Juice	BC- <b>4.5</b> БИ	28	122	38	C 42	04100	22	Ж27 H	OE9C	86 <sup>e</sup>	Навоси	27 K	11.7	СИБ 43.2	новосия
(smooth)	-4	23	37	14	51	22	37	16	16	15	18	25	12.5	50.2	Morro
	-3.5	67	58	140	172	133	119	155	62	74	73	105	43.1	40.9	-JAN
, ИРСК НС	восиби	209	168	246	183	124	233	153	148	231	204	190	41.2	21.7 СИБИРСК	новосия
(0)	Sterile water	5	4	4	6	3	3	5	7	7	6	5	1.49	29.8	моло
	(+)	4	7	5	8	11 <sup>e</sup>	5	5	4	5	3	5	1.54	30.1	JAU
Duck HO	во4.5 Би	PC17	H 24	23	CK27	010	31 <sup>e</sup>	ж <sup>26</sup> н	26	16 <sup>16</sup>	н.143оси	20	5.98	СИБ. 29.3	новосия
o vvrap	-4	38	65	48	50	58	59	70	50	68	61	57	10.1	17.8	моло
6	-3.25	222	159	135	129	209	110	52	97	168	94	138	53.0	38.6	
	-3	659	505	444	467	377	272	425	337	283	375	414	114.6	27.7	

<sup>b</sup> Dilution of the food matrix tested. <sup>b</sup> The mean result of 10 wet replicate coupons per dilution.

<sup>c</sup> s<sub>r</sub> calculated from 10 wet replicate coupons per dilution.

<sup>f</sup> Co-efficient of variance percentage calculated from 10 wet replicate coupons per dilution.

<sup>e</sup> Excluded due to Grubbs test.

<sup>f</sup>NA = Not applicable.



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N	nap sult	ALL ALP, AL	UAL U	ertincatio		201 1015	505	ţ.		Ð	P		Ð		<b>W</b>	J.V.
Table 4 an EnS	4: Replica Sure lumi	ate RLU, m nometer. A	ean RL A negat	U, s <sub>r</sub> , and ive contr	RSDr va ol consi	lues of sting of	UltraSna sterile a	ip Surfac nalyte fr	e ATP me ee water	ethod us was use	ed on dı d. (1)	ry food n	natrixes.	All RLU va	alues measured in	НОВОСИБИРО МОЛОКО
		Dilution		Replicate								Mean	Stan.	PCD- d		
$\mathcal{N}$			1	2	3	4	5	6	7	8	9	10		Dev.	RSDr	
	к но	Sterile water	РСК 4		2	2		CNENI DIGKO	2	4	2	СК Н 1		1.15	НОВОСИБИРСК 57.7 ЛОКО	НОВОСИБИРО
	ſ	-5	2	2	2	4	3	3	2	2	3	2	3	0.71	28.3	
Lam	Lamb Leg	-3	7	11	12	22	15	22	24	10	11	16	15	5.87	39.1	
noko		MC-20K	67	109	81	6	106	190	137	99	167	167	113	55.0	48.7 OKC	новосибиро молоко
		-1.75	248	316 <sup>e</sup>	195	231	154	217	213	170	220	217	207	29.5	14.3	
$\mathcal{N}_{\mathcal{C}}^{*}$		-1.5	331	673 <sup>e</sup>	174	234	260	420	146	253	179	194	243	86.8	35.6	JV B
	к но	Sterile water	C O		0	PCK	15 <sup>e</sup>		CK0 F			ск о н	овоси моло	1.13	НОВОСИБИРСК 203 ПОКС	НОВОСИБИРО
		-6	0	0	0	0	0	3	1	2	1	1	1	1.03	129.1	
Pink	clcing	4	3	2	3	3	4	2	6	3	4	5	4	1.27	36.3	
Dou,	Doughnut	-3.5	9	H9B0	3	6	12	10	<sup>СК</sup> 7 Г	15	2	<sup>CK</sup> 14 <sup>H</sup>	9	4.32	49.7 49.7	НОВОСИБИРО МОЛОКО
		-3	66	50	8	23	21	22	39	67	110	47	45	30.1	66.5	
AN <sup>2</sup>		-2.5	713	308	177	492	415	430	165	545	274	249	377	175	46.4	A C
	к но	Sterile water	PGK	HOBO	Cl 251	14 <sup>e</sup>	HQBC	СИ2И	27 <sup>e</sup>	0400		ск <sub>5</sub> н	ОВЭСИ	2.12	НО65.3СИБИРСК	новосибиро
		-7	1	2	1	11 <sup>e</sup>	1	0	4	2	3	3	2	1.27	67.2	
Strav	wberry	( <b>-</b> 3) Y	4	22 <sup>e</sup>	14	4	6	5	7	5	8	12	<b>7</b> }	3.56	49.3	A C
Уо	gurtHO	-2.75	P15	H47B0	C13	- 52	H31	C/14/1	C 16	26	32	CK 24 H	082704	13.8	НО51.0СИБИРСК	новосибиро
		-2.5	88	176	62	225	88	94	83	181	239	114	135	64.4	47.7	
	ſ	-th	865	1070	1417	799	1919	1310	1503	1285	1052	1339	1256	329	26.2	J. N
	к но	Sterile water	Рак	H9 <sup>e</sup> BC	CI251	PC2	HOBO	СИЗИ	СКА Н	0400	1641P	СК 4 Н	ОВЗСИ	1.30	НС46.9СИБИРСК	новосибиро
		-5	6	8	7	9	8	4	5	62 <sup>e</sup>	4	5	6	1.86	29.8	
Or. Ju	ange uice	-4.5	16	7	14	6	9	16	6	12	6	13	11	4.17	39.7	S S S S S S S S S S S S S S S S S S S
SME (sm	ooth)	вос4лби	P(8)	H8B0	си65и	PC5(	18	CI 20 / F	CI13	01800	<b>15</b>	ск 12 н	ов <b>11</b> си	5.14	но45.5сибирск	новосибиро
10100		-3.5	46	28	99 <sup>e</sup>	58	34	469 <sup>e</sup>	50	19	22	15	34	15.8	46.4	
		-3	134	55	64	65	40	172	381 <sup>e</sup>	46	196	69	93	58.3	62.4	
	к но	- Sterile water	PC <sup>2</sup> K	н4вс	сизби	PC <sup>2</sup>	11 <sup>e</sup>	сизиг	CK <sup>3</sup> F	0300		ск <sup>1</sup> н	овеси	1.09	но49.2 сибирск	новосибиро
	ſ	-7	0	2	1	2	4	2	4	2	3	4	2	1.35	56.2	
Duck	(Wrap	-4.5	10	8	9	27 <sup>e</sup>	4	1 1	4	3	6	5	6	2.96	53.3	JAN S
СИЕИРСН	к но	вос4иби	<b>P14</b>	H <sup>14</sup> BC	си95и	16	H21BC	сибия	CK16	26		CK 23 H	ов <b>16</b> си	6.07	но <b>38.0</b> сибирск	новосибиро
локо	ľ	-3.25	33	32	106	37	42	14	16	21	47	129	48	38.7	81.1	
	ľ	-3	107	166	69	99	148	31	351 <sup>e</sup>	72	182	104	109	49.1	45.2	

The dilution of the food matrix tested.

<sup>b</sup> The mean result of 10 dry replicate coupons per dilution.

<sup>c</sup> Sr calculated from 10 dry replicate coupons per dilution. <sup>d</sup>Coefficient of variance percentage calculated from 10 dry replicate coupons per dilution.

<sup>e</sup> Excluded due to Grubbs test.

BOCHE<sup>f</sup>NA = Not applicable (the reading was incorrectly taken).











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activities of the second se	eter. A negative cont	RLU, s <sub>r</sub> ,	, and RSE	Or values	of Ultra	Snap Sur	face AT	P metho	d used o	n dry fo	od matrix	kes. All RLU	values measu	red in an En	Sure
Dry Fe	ood RLU Target	OI COIIS	isting of			Repl	icate	eu. (1)	олоко		МО	поко	мол	юко	моло
Mat	rix Range	1	2	3	4	5	6	7	8	9	10	Mean "	Stan. Dev. "	RSDr	
FUDCK	новосибирск	1		1 MPCK		1	2	1				1.1	0.32	29	НОВОСИ
Oran	nge 0-10	5	1	13	5	8	6	1	2	3	11	5.5	4.12	75	моло
juic (smoo	e 10-30 oth)	9	6	10	1	9	8	10	12	6	8	7.9	3.03	38	
SUDCK.	30-50	12	0	24	15	21	12	5	9	3	52	15.3	14.94	98	
IO IO	100-200	46	13	56	57	49	51	7	27	132	50	48.8	34.25	70	моло
	0	2	7	2	0	8	2	0	1	1	0	2.3	2.87	125	
	0-10	3	2	1	3	5	0	3	29 <sup>d</sup>	1	7	2.8	2.17	78	マ
Duck w	vrap 10-30	3	2	<b>KO1</b>	7	6	2	2	3 0	50 <sup>d</sup>	3	3.2	1.99	62	моло
	30-50	1	1	3	562 <sup>d</sup>	5	39	3	6	3	7	7.6	11.97	158	
	100-200	285	43	76	12	78	179	21	51	163	192	110.0	89.81	82	<del></del>
2.	Stainless Steel Surfa	ces, AO	AC <sup>®</sup> Perf	ormanca					Juliare			ORE LUMIN	Unleter in Ar	P Hygiene N	
3.	http://www.aoac.or Alfa, M.J. et al. (201	itute <i>Pel</i> g <u>/aoac</u> 5) Aden	rformand prod im osine tri-	ce Tested his/AOAC phospha	Tested <sup>™</sup> Method Docs/R te (ATP)-	<sup>4</sup> certifica <sup>SM</sup> Policie I <u>/RI Res</u> based cl	ation nu es and Pr ources/( eaning r	mber 102 rocedure 0200 Pol monitorir	iciesProc ng in hea	cedures.j	pdf. (acc how rap	essed May, idly does er	2017) vironmental A	P Hygiene N	ate? Journal
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