

## ACCEPTANCE LIMITS FOR CONTENT UNIFORMITY

## SAMPLING PLAN 2

TARGET=100.0, LOWER BOUND = 95.0, CONFIDENCE LEVEL = 90.0

TABLE ENTRIES ARE LOWER(LL) AND UPPER(UL) LIMITS ON THE MEAN

OF 140 ASSAYS- 7 ASSAYS AT EACH OF 20 DIFFERENT LOCATIONS

SE IS THE POOLED WITHIN LOCATION STANDARD DEVIATION

STANDARD DEVIATIONS AND MEANS ARE EXPRESSED IN % CLAIM

## STANDARD DEVIATION OF LOCATION MEANS

SE	0.1		0.2		0.3		0.4		0.5		0.6		0.7		0.8		0.9	
	LL	UL	LL	UL	LL	UL	LL	UL	LL	UL	LL	UL	LL	UL	LL	UL	LL	UL
0.1	84.0	116.0	84.4	115.6	84.8	115.2	85.2	114.8	85.6	114.4	86.0	114.0	86.4	113.6	86.8	113.2	87.2	112.8
0.2	84.2	115.8	84.5	115.5	84.9	115.1	85.2	114.8	85.6	114.4	86.0	114.0	86.4	113.6	86.8	113.2	87.2	112.8
0.3	84.4	115.6	84.7	115.3	85.0	115.0	85.3	114.7	85.7	114.3	86.1	113.9	86.5	113.5	86.9	113.1	87.3	112.7
0.4	84.7	115.3	84.9	115.1	85.1	114.9	85.5	114.5	85.8	114.2	86.2	113.8	86.5	113.5	86.9	113.1	87.3	112.7
0.5	84.9	115.1	85.1	114.9	85.3	114.7	85.6	114.4	85.9	114.1	86.3	113.7	86.6	113.4	87.0	113.0	87.4	112.6
0.6	85.2	114.8	85.3	114.7	85.5	114.5	85.8	114.2	86.1	113.9	86.4	113.6	86.8	113.2	87.1	112.9	87.5	112.5
0.7	85.5	114.5	85.6	114.4	85.7	114.3	86.0	114.0	86.2	113.8	86.6	113.4	86.9	113.1	87.2	112.8	87.6	112.4
0.8	85.7	114.3	85.8	114.2	86.0	114.0	86.2	113.8	86.4	113.6	86.7	113.3	87.0	113.0	87.4	112.6	87.7	112.3
0.9	86.0	114.0	86.1	113.9	86.2	113.8	86.4	113.6	86.6	113.4	86.9	113.1	87.2	112.8	87.5	112.5	87.8	112.2
1.0	86.2	113.8	86.3	113.7	86.5	113.5	86.6	113.4	86.8	113.2	87.1	112.9	87.4	112.6	87.7	112.3	88.0	112.0
1.1	86.5	113.5	86.6	113.4	86.7	113.3	86.9	113.1	87.1	112.9	87.3	112.7	87.5	112.5	87.8	112.2	88.1	111.9
1.2	86.7	113.3	86.8	113.2	87.0	113.0	87.1	112.9	87.3	112.7	87.5	112.5	87.7	112.3	88.0	112.0	88.3	111.7
1.3	87.0	113.0	87.1	112.9	87.2	112.8	87.3	112.7	87.5	112.5	87.7	112.3	87.9	112.1	88.2	111.8	88.5	111.5
1.4	87.3	112.7	87.4	112.6	87.5	112.5	87.6	112.4	87.7	112.3	87.9	112.1	88.2	111.8	88.4	111.6	88.7	111.3
1.5	87.5	112.5	87.6	112.4	87.7	112.3	87.8	112.2	88.0	112.0	88.2	111.8	88.4	111.6	88.6	111.4	88.9	111.1
1.6	87.8	112.2	87.9	112.1	88.0	112.0	88.1	111.9	88.2	111.8	88.4	111.6	88.6	111.4	88.8	111.2	89.1	110.9
1.7	88.0	112.0	88.1	111.9	88.2	111.8	88.3	111.7	88.5	111.5	88.6	111.4	88.8	111.2	89.0	111.0	89.3	110.7
1.8	88.3	111.7	88.4	111.6	88.5	111.5	88.6	111.4	88.7	111.3	88.9	111.1	89.0	111.0	89.2	110.8	89.5	110.5
1.9	88.6	111.4	88.6	111.4	88.7	111.3	88.8	111.2	89.0	111.0	89.1	110.9	89.3	110.7	89.5	110.5	89.7	110.3
2.0	88.8	111.2	88.9	111.1	89.0	111.0	89.1	110.9	89.2	110.8	89.4	110.6	89.5	110.5	89.7	110.3	89.9	110.1
2.1	89.1	110.9	89.2	110.8	89.3	110.7	89.4	110.6	89.5	110.5	89.6	110.4	89.8	110.2	89.9	110.1	90.1	109.9
2.2	89.3	110.7	89.4	110.6	89.5	110.5	89.6	110.4	89.7	110.3	89.9	110.1	90.0	110.0	90.2	109.8	90.4	109.6
2.3	89.6	110.4	89.7	110.3	89.8	110.2	89.9	110.1	90.0	110.0	90.1	109.9	90.2	109.8	90.4	109.6	90.6	109.4
2.4	89.9	110.1	89.9	110.1	90.0	110.0	90.1	109.9	90.2	109.8	90.4	109.6	90.5	109.5	90.6	109.4	90.8	109.2
2.5	90.1	109.9	90.2	109.8	90.3	109.7	90.4	109.6	90.5	109.5	90.6	109.4	90.7	109.3	90.9	109.1	91.1	108.9
2.6	90.4	109.6	90.5	109.5	90.5	109.5	90.6	109.4	90.7	109.3	90.9	109.1	91.0	109.0	91.1	108.9	91.3	108.7
2.7	90.6	109.4	90.7	109.3	90.8	109.2	90.9	109.1	91.0	109.0	91.1	108.9	91.2	108.8	91.4	108.6	91.5	108.5

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TABLE ENTRIES ARE LOWER(LL) AND UPPER(UL) LIMITS ON THE MEAN

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SE	0.1		0.2		0.3		0.4		0.5		0.6		0.7		0.8		0.9	
	LL	UL	LL	UL	LL	UL	LL	UL	LL	UL	LL	UL	LL	UL	LL	UL	LL	UL
2.8	90.9	109.1	91.0	109.0	91.1	108.9	91.2	108.8	91.3	108.7	91.4	108.6	91.5	108.5	91.6	108.4	91.8	108.2
2.9	91.2	108.8	91.2	108.8	91.3	108.7	91.4	108.6	91.5	108.5	91.6	108.4	91.7	108.3	91.9	108.1	92.0	108.0
3.0	91.4	108.6	91.5	108.5	91.6	108.4	91.7	108.3	91.8	108.2	91.9	108.1	92.0	108.0	92.1	107.9	92.3	107.7
3.1	91.7	108.3	91.8	108.2	91.8	108.2	91.9	108.1	92.0	108.0	92.1	107.9	92.2	107.8	92.4	107.6	92.5	107.5
3.2	91.9	108.1	92.0	108.0	92.1	107.9	92.2	107.8	92.3	107.7	92.4	107.6	92.5	107.5	92.6	107.4	92.8	107.2
3.3	92.2	107.8	92.3	107.7	92.4	107.6	92.4	107.6	92.5	107.5	92.6	107.4	92.8	107.2	92.9	107.1	93.0	107.0
3.4	92.5	107.5	92.5	107.5	92.6	107.4	92.7	107.3	92.8	107.2	92.9	107.1	93.0	107.0	93.1	106.9	93.3	106.7
3.5	92.7	107.3	92.8	107.2	92.9	107.1	93.0	107.0	93.1	106.9	93.2	106.8	93.3	106.7	93.4	106.6	93.5	106.5
3.6	93.0	107.0	93.1	106.9	93.1	106.9	93.2	106.8	93.3	106.7	93.4	106.6	93.5	106.5	93.6	106.4	93.8	106.2
3.7	93.3	106.7	93.3	106.7	93.4	106.6	93.5	106.5	93.6	106.4	93.7	106.3	93.8	106.2	93.9	106.1	94.0	106.0
3.8	93.5	106.5	93.6	106.4	93.7	106.3	93.7	106.3	93.8	106.2	93.9	106.1	94.0	106.0	94.1	105.9	94.3	105.7
3.9	93.8	106.2	93.8	106.2	93.9	106.1	94.0	106.0	94.1	105.9	94.2	105.8	94.3	105.7	94.4	105.6	94.5	105.5
4.0	94.0	106.0	94.1	105.9	94.2	105.8	94.3	105.7	94.3	105.7	94.4	105.6	94.5	105.5	94.7	105.3	94.8	105.2
4.1	94.3	105.7	94.4	105.6	94.4	105.6	94.5	105.5	94.6	105.4	94.7	105.3	94.8	105.2	94.9	105.1	95.0	105.0
4.2	94.6	105.4	94.6	105.4	94.7	105.3	94.8	105.2	94.9	105.1	95.0	105.0	95.1	104.9	95.2	104.8	95.3	104.7
4.3	94.8	105.2	94.9	105.1	95.0	105.0	95.0	105.0	95.1	104.9	95.2	104.8	95.3	104.7	95.4	104.6	95.5	104.5
4.4	95.1	104.9	95.2	104.8	95.2	104.8	95.3	104.7	95.4	104.6	95.5	104.5	95.6	104.4	95.7	104.3	95.8	104.2
4.5	95.3	104.7	95.4	104.6	95.5	104.5	95.6	104.4	95.7	104.3	95.7	104.3	95.8	104.2	95.9	104.1	96.1	103.9
4.6	95.6	104.4	95.7	104.3	95.8	104.2	95.8	104.2	95.9	104.1	96.0	104.0	96.1	103.9	96.2	103.8	96.3	103.7
4.7	95.9	104.1	95.9	104.1	96.0	104.0	96.1	103.9	96.2	103.8	96.3	103.7	96.4	103.6	96.5	103.5	96.6	103.4
4.8	96.1	103.9	96.2	103.8	96.3	103.7	96.4	103.6	96.4	103.6	96.5	103.5	96.6	103.4	96.7	103.3	96.8	103.2
4.9	96.4	103.6	96.5	103.5	96.5	103.5	96.6	103.4	96.7	103.3	96.8	103.2	96.9	103.1	97.0	103.0	97.1	102.9
5.0	96.7	103.3	96.7	103.3	96.8	103.2	96.9	103.1	97.0	103.0	97.1	102.9	97.1	102.9	97.2	102.8	97.4	102.6
5.1	96.9	103.1	97.0	103.0	97.1	102.9	97.1	102.9	97.2	102.8	97.3	102.7	97.4	102.6	97.5	102.5	97.6	102.4
5.2	97.2	102.8	97.3	102.7	97.3	102.7	97.4	102.6	97.5	102.5	97.6	102.4	97.7	102.3	97.8	102.2	97.9	102.1
5.3	97.5	102.5	97.5	102.5	97.6	102.4	97.7	102.3	97.8	102.2	97.9	102.1	97.9	102.1	98.0	102.0	98.1	101.9
5.4	97.7	102.3	97.8	102.2	97.9	102.1	98.0	102.0	98.0	102.0	98.1	101.9	98.2	101.8	98.3	101.7	98.4	101.6

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SE	0.1		0.2		0.3		0.4		0.5		0.6		0.7		0.8		0.9	
	LL	UL	LL	UL	LL	UL	LL	UL	LL	UL	LL	UL	LL	UL	LL	UL	LL	UL
5.5	98.0	102.0	98.1	101.9	98.2	101.8	98.2	101.8	98.3	101.7	98.4	101.6	98.5	101.5	98.6	101.4	98.7	101.3
5.6	98.3	101.7	98.4	101.6	98.5	101.5	98.5	101.5	98.6	101.4	98.7	101.3	98.8	101.2	98.9	101.1	99.0	101.0
5.7	98.7	101.3	98.7	101.3	98.8	101.2	98.9	101.1	99.0	101.0	99.1	100.9	99.2	100.8	99.3	100.7	99.4	100.6
5.8	99.1	100.9	99.2	100.8	99.3	100.7	99.4	100.6	99.5	100.5	99.6	100.4	99.7	100.3	99.9	100.1	.	.

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STANDARD DEVIATION OF LOCATION MEANS

	1.0		1.1		1.2		1.3		1.4		1.5		1.6		1.7		1.8	
SE	LL	UL	LL	UL	LL	UL	LL	UL	LL	UL	LL	UL	LL	UL	LL	UL	LL	UL
0.1	87.6	112.4	88.0	112.0	88.4	111.6	88.8	111.2	89.2	110.8	89.6	110.4	90.0	110.0	90.4	109.6	90.8	109.2
0.2	87.6	112.4	88.0	112.0	88.4	111.6	88.8	111.2	89.2	110.8	89.6	110.4	90.0	110.0	90.4	109.6	90.8	109.2
0.3	87.7	112.3	88.1	111.9	88.4	111.6	88.8	111.2	89.2	110.8	89.6	110.4	90.0	110.0	90.4	109.6	90.8	109.2
0.4	87.7	112.3	88.1	111.9	88.5	111.5	88.9	111.1	89.3	110.7	89.7	110.3	90.1	109.9	90.5	109.5	90.9	109.1
0.5	87.8	112.2	88.2	111.8	88.6	111.4	88.9	111.1	89.3	110.7	89.7	110.3	90.1	109.9	90.5	109.5	90.9	109.1
0.6	87.9	112.1	88.2	111.8	88.6	111.4	89.0	111.0	89.4	110.6	89.8	110.2	90.2	109.8	90.6	109.4	91.0	109.0
0.7	88.0	112.0	88.3	111.7	88.7	111.3	89.1	110.9	89.5	110.5	89.9	110.1	90.2	109.8	90.6	109.4	91.0	109.0
0.8	88.1	111.9	88.4	111.6	88.8	111.2	89.2	110.8	89.5	110.5	89.9	110.1	90.3	109.7	90.7	109.3	91.1	108.9
0.9	88.2	111.8	88.5	111.5	88.9	111.1	89.3	110.7	89.6	110.4	90.0	110.0	90.4	109.6	90.8	109.2	91.2	108.8
1.0	88.3	111.7	88.7	111.3	89.0	111.0	89.4	110.6	89.7	110.3	90.1	109.9	90.5	109.5	90.9	109.1	91.2	108.8
1.1	88.5	111.5	88.8	111.2	89.1	110.9	89.5	110.5	89.8	110.2	90.2	109.8	90.6	109.4	90.9	109.1	91.3	108.7
1.2	88.6	111.4	88.9	111.1	89.3	110.7	89.6	110.4	90.0	110.0	90.3	109.7	90.7	109.3	91.0	109.0	91.4	108.6
1.3	88.8	111.2	89.1	110.9	89.4	110.6	89.7	110.3	90.1	109.9	90.4	109.6	90.8	109.2	91.2	108.8	91.5	108.5
1.4	88.9	111.1	89.2	110.8	89.6	110.4	89.9	110.1	90.2	109.8	90.6	109.4	90.9	109.1	91.3	108.7	91.6	108.4
1.5	89.1	110.9	89.4	110.6	89.7	110.3	90.0	110.0	90.4	109.6	90.7	109.3	91.0	109.0	91.4	108.6	91.7	108.3
1.6	89.3	110.7	89.6	110.4	89.9	110.1	90.2	109.8	90.5	109.5	90.8	109.2	91.2	108.8	91.5	108.5	91.9	108.1
1.7	89.5	110.5	89.8	110.2	90.1	109.9	90.4	109.6	90.7	109.3	91.0	109.0	91.3	108.7	91.7	108.3	92.0	108.0
1.8	89.7	110.3	90.0	110.0	90.2	109.8	90.5	109.5	90.8	109.2	91.1	108.9	91.5	108.5	91.8	108.2	92.1	107.9
1.9	89.9	110.1	90.2	109.8	90.4	109.6	90.7	109.3	91.0	109.0	91.3	108.7	91.6	108.4	91.9	108.1	92.3	107.7
2.0	90.1	109.9	90.4	109.6	90.6	109.4	90.9	109.1	91.2	108.8	91.5	108.5	91.8	108.2	92.1	107.9	92.4	107.6
2.1	90.3	109.7	90.6	109.4	90.8	109.2	91.1	108.9	91.4	108.6	91.6	108.4	91.9	108.1	92.3	107.7	92.6	107.4
2.2	90.6	109.4	90.8	109.2	91.0	109.0	91.3	108.7	91.5	108.5	91.8	108.2	92.1	107.9	92.4	107.6	92.7	107.3
2.3	90.8	109.2	91.0	109.0	91.2	108.8	91.5	108.5	91.7	108.3	92.0	108.0	92.3	107.7	92.6	107.4	92.9	107.1
2.4	91.0	109.0	91.2	108.8	91.4	108.6	91.7	108.3	91.9	108.1	92.2	107.8	92.5	107.5	92.8	107.2	93.1	106.9
2.5	91.2	108.8	91.4	108.6	91.7	108.3	91.9	108.1	92.1	107.9	92.4	107.6	92.7	107.3	92.9	107.1	93.2	106.8
2.6	91.5	108.5	91.7	108.3	91.9	108.1	92.1	107.9	92.3	107.7	92.6	107.4	92.8	107.2	93.1	106.9	93.4	106.6
2.7	91.7	108.3	91.9	108.1	92.1	107.9	92.3	107.7	92.5	107.5	92.8	107.2	93.0	107.0	93.3	106.7	93.6	106.4

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	1.0		1.1		1.2		1.3		1.4		1.5		1.6		1.7		1.8	
SE	LL	UL	LL	UL	LL	UL	LL	UL	LL	UL	LL	UL	LL	UL	LL	UL	LL	UL
2.8	91.9	108.1	92.1	107.9	92.3	107.7	92.5	107.5	92.8	107.2	93.0	107.0	93.2	106.8	93.5	106.5	93.8	106.2
2.9	92.2	107.8	92.4	107.6	92.5	107.5	92.8	107.2	93.0	107.0	93.2	106.8	93.4	106.6	93.7	106.3	94.0	106.0
3.0	92.4	107.6	92.6	107.4	92.8	107.2	93.0	107.0	93.2	106.8	93.4	106.6	93.6	106.4	93.9	106.1	94.2	105.8
3.1	92.7	107.3	92.8	107.2	93.0	107.0	93.2	106.8	93.4	106.6	93.6	106.4	93.9	106.1	94.1	105.9	94.4	105.6
3.2	92.9	107.1	93.1	106.9	93.2	106.8	93.4	106.6	93.6	106.4	93.8	106.2	94.1	105.9	94.3	105.7	94.6	105.4
3.3	93.2	106.8	93.3	106.7	93.5	106.5	93.7	106.3	93.9	106.1	94.1	105.9	94.3	105.7	94.5	105.5	94.8	105.2
3.4	93.4	106.6	93.6	106.4	93.7	106.3	93.9	106.1	94.1	105.9	94.3	105.7	94.5	105.5	94.7	105.3	95.0	105.0
3.5	93.7	106.3	93.8	106.2	94.0	106.0	94.1	105.9	94.3	105.7	94.5	105.5	94.7	105.3	94.9	105.1	95.2	104.8
3.6	93.9	106.1	94.0	106.0	94.2	105.8	94.4	105.6	94.6	105.4	94.7	105.3	94.9	105.1	95.2	104.8	95.4	104.6
3.7	94.1	105.9	94.3	105.7	94.4	105.6	94.6	105.4	94.8	105.2	95.0	105.0	95.2	104.8	95.4	104.6	95.6	104.4
3.8	94.4	105.6	94.5	105.5	94.7	105.3	94.9	105.1	95.0	105.0	95.2	104.8	95.4	104.6	95.6	104.4	95.8	104.2
3.9	94.7	105.3	94.8	105.2	94.9	105.1	95.1	104.9	95.3	104.7	95.4	104.6	95.6	104.4	95.8	104.2	96.0	104.0
4.0	94.9	105.1	95.0	105.0	95.2	104.8	95.3	104.7	95.5	104.5	95.7	104.3	95.9	104.1	96.1	103.9	96.3	103.7
4.1	95.2	104.8	95.3	104.7	95.4	104.6	95.6	104.4	95.7	104.3	95.9	104.1	96.1	103.9	96.3	103.7	96.5	103.5
4.2	95.4	104.6	95.5	104.5	95.7	104.3	95.8	104.2	96.0	104.0	96.2	103.8	96.3	103.7	96.5	103.5	96.7	103.3
4.3	95.7	104.3	95.8	104.2	95.9	104.1	96.1	103.9	96.2	103.8	96.4	103.6	96.6	103.4	96.8	103.2	97.0	103.0
4.4	95.9	104.1	96.0	104.0	96.2	103.8	96.3	103.7	96.5	103.5	96.6	103.4	96.8	103.2	97.0	103.0	97.2	102.8
4.5	96.2	103.8	96.3	103.7	96.4	103.6	96.6	103.4	96.7	103.3	96.9	103.1	97.1	102.9	97.2	102.8	97.4	102.6
4.6	96.4	103.6	96.6	103.4	96.7	103.3	96.8	103.2	97.0	103.0	97.1	102.9	97.3	102.7	97.5	102.5	97.7	102.3
4.7	96.7	103.3	96.8	103.2	96.9	103.1	97.1	102.9	97.2	102.8	97.4	102.6	97.5	102.5	97.7	102.3	97.9	102.1
4.8	96.9	103.1	97.1	102.9	97.2	102.8	97.3	102.7	97.5	102.5	97.6	102.4	97.8	102.2	98.0	102.0	98.1	101.9
4.9	97.2	102.8	97.3	102.7	97.5	102.5	97.6	102.4	97.7	102.3	97.9	102.1	98.0	102.0	98.2	101.8	98.4	101.6
5.0	97.5	102.5	97.6	102.4	97.7	102.3	97.8	102.2	98.0	102.0	98.1	101.9	98.3	101.7	98.5	101.5	98.6	101.4
5.1	97.7	102.3	97.8	102.2	98.0	102.0	98.1	101.9	98.2	101.8	98.4	101.6	98.5	101.5	98.7	101.3	98.9	101.1
5.2	98.0	102.0	98.1	101.9	98.2	101.8	98.4	101.6	98.5	101.5	98.6	101.4	98.8	101.2	99.0	101.0	99.1	100.9
5.3	98.3	101.7	98.4	101.6	98.5	101.5	98.6	101.4	98.8	101.2	98.9	101.1	99.1	100.9	99.2	100.8	99.4	100.6
5.4	98.5	101.5	98.7	101.3	98.8	101.2	98.9	101.1	99.1	100.9	99.2	100.8	99.4	100.6	99.6	100.4	99.8	100.2



ACCEPTANCE LIMITS FOR CONTENT UNIFORMITY  
 SAMPLING PLAN 2  
 TARGET=100.0, LOWER BOUND = 95.0, CONFIDENCE LEVEL = 90.0  
 TABLE ENTRIES ARE LOWER(LL) AND UPPER(UL) LIMITS ON THE MEAN  
 OF 140 ASSAYS- 7 ASSAYS AT EACH OF 20 DIFFERENT LOCATIONS  
 SE IS THE POOLED WITHIN LOCATION STANDARD DEVIATION  
 STANDARD DEVIATIONS AND MEANS ARE EXPRESSED IN % CLAIM

STANDARD DEVIATION OF LOCATION MEANS

SE	1.9		2.0		2.1		2.2		2.3		2.4		2.5		2.6		2.7	
	LL	UL	LL	UL	LL	UL	LL	UL	LL	UL	LL	UL	LL	UL	LL	UL	LL	UL
0.1	91.2	108.8	91.6	108.4	92.0	108.0	92.4	107.6	92.8	107.2	93.2	106.8	93.6	106.4	94.0	106.0	94.4	105.6
0.2	91.2	108.8	91.6	108.4	92.0	108.0	92.4	107.6	92.8	107.2	93.2	106.8	93.6	106.4	94.0	106.0	94.5	105.5
0.3	91.2	108.8	91.7	108.3	92.1	107.9	92.5	107.5	92.9	107.1	93.3	106.7	93.7	106.3	94.1	105.9	94.5	105.5
0.4	91.3	108.7	91.7	108.3	92.1	107.9	92.5	107.5	92.9	107.1	93.3	106.7	93.7	106.3	94.1	105.9	94.5	105.5
0.5	91.3	108.7	91.7	108.3	92.1	107.9	92.5	107.5	92.9	107.1	93.3	106.7	93.7	106.3	94.1	105.9	94.5	105.5
0.6	91.4	108.6	91.8	108.2	92.2	107.8	92.5	107.5	92.9	107.1	93.3	106.7	93.7	106.3	94.1	105.9	94.5	105.5
0.7	91.4	108.6	91.8	108.2	92.2	107.8	92.6	107.4	93.0	107.0	93.4	106.6	93.8	106.2	94.2	105.8	94.6	105.4
0.8	91.5	108.5	91.9	108.1	92.3	107.7	92.6	107.4	93.0	107.0	93.4	106.6	93.8	106.2	94.2	105.8	94.6	105.4
0.9	91.5	108.5	91.9	108.1	92.3	107.7	92.7	107.3	93.1	106.9	93.5	106.5	93.9	106.1	94.3	105.7	94.7	105.3
1.0	91.6	108.4	92.0	108.0	92.4	107.6	92.8	107.2	93.2	106.8	93.6	106.4	93.9	106.1	94.3	105.7	94.7	105.3
1.1	91.7	108.3	92.1	107.9	92.5	107.5	92.8	107.2	93.2	106.8	93.6	106.4	94.0	106.0	94.4	105.6	94.8	105.2
1.2	91.8	108.2	92.2	107.8	92.5	107.5	92.9	107.1	93.3	106.7	93.7	106.3	94.1	105.9	94.5	105.5	94.9	105.1
1.3	91.9	108.1	92.3	107.7	92.6	107.4	93.0	107.0	93.4	106.6	93.8	106.2	94.2	105.8	94.5	105.5	94.9	105.1
1.4	92.0	108.0	92.4	107.6	92.7	107.3	93.1	106.9	93.5	106.5	93.9	106.1	94.2	105.8	94.6	105.4	95.0	105.0
1.5	92.1	107.9	92.5	107.5	92.8	107.2	93.2	106.8	93.6	106.4	93.9	106.1	94.3	105.7	94.7	105.3	95.1	104.9
1.6	92.2	107.8	92.6	107.4	92.9	107.1	93.3	106.7	93.7	106.3	94.0	106.0	94.4	105.6	94.8	105.2	95.2	104.8
1.7	92.3	107.7	92.7	107.3	93.1	106.9	93.4	106.6	93.8	106.2	94.1	105.9	94.5	105.5	94.9	105.1	95.3	104.7
1.8	92.5	107.5	92.8	107.2	93.2	106.8	93.5	106.5	93.9	106.1	94.3	105.7	94.6	105.4	95.0	105.0	95.4	104.6
1.9	92.6	107.4	92.9	107.1	93.3	106.7	93.6	106.4	94.0	106.0	94.4	105.6	94.7	105.3	95.1	104.9	95.5	104.5
2.0	92.7	107.3	93.1	106.9	93.4	106.6	93.8	106.2	94.1	105.9	94.5	105.5	94.8	105.2	95.2	104.8	95.6	104.4
2.1	92.9	107.1	93.2	106.8	93.6	106.4	93.9	106.1	94.2	105.8	94.6	105.4	95.0	105.0	95.3	104.7	95.7	104.3
2.2	93.0	107.0	93.4	106.6	93.7	106.3	94.0	106.0	94.4	105.6	94.7	105.3	95.1	104.9	95.4	104.6	95.8	104.2
2.3	93.2	106.8	93.5	106.5	93.8	106.2	94.2	105.8	94.5	105.5	94.9	105.1	95.2	104.8	95.6	104.4	95.9	104.1
2.4	93.4	106.6	93.7	106.3	94.0	106.0	94.3	105.7	94.7	105.3	95.0	105.0	95.3	104.7	95.7	104.3	96.0	104.0
2.5	93.5	106.5	93.8	106.2	94.2	105.8	94.5	105.5	94.8	105.2	95.1	104.9	95.5	104.5	95.8	104.2	96.2	103.8
2.6	93.7	106.3	94.0	106.0	94.3	105.7	94.6	105.4	95.0	105.0	95.3	104.7	95.6	104.4	96.0	104.0	96.3	103.7
2.7	93.9	106.1	94.2	105.8	94.5	105.5	94.8	105.2	95.1	104.9	95.4	104.6	95.8	104.2	96.1	103.9	96.4	103.6





## ACCEPTANCE LIMITS FOR CONTENT UNIFORMITY

## SAMPLING PLAN 2

TARGET=100.0, LOWER BOUND = 95.0, CONFIDENCE LEVEL = 90.0

TABLE ENTRIES ARE LOWER(LL) AND UPPER(UL) LIMITS ON THE MEAN

OF 140 ASSAYS- 7 ASSAYS AT EACH OF 20 DIFFERENT LOCATIONS

SE IS THE POOLED WITHIN LOCATION STANDARD DEVIATION

STANDARD DEVIATIONS AND MEANS ARE EXPRESSED IN % CLAIM

## STANDARD DEVIATION OF LOCATION MEANS

SE	2.8		2.9		3.0		3.1		3.2		3.3		3.4		3.5		3.6	
	LL	UL	LL	UL	LL	UL	LL	UL	LL	UL	LL	UL	LL	UL	LL	UL	LL	UL
0.1	94.8	105.2	95.3	104.7	95.7	104.3	96.1	103.9	96.5	103.5	96.9	103.1	97.3	102.7	97.7	102.3	98.1	101.9
0.2	94.9	105.1	95.3	104.7	95.7	104.3	96.1	103.9	96.5	103.5	96.9	103.1	97.3	102.7	97.7	102.3	98.1	101.9
0.3	94.9	105.1	95.3	104.7	95.7	104.3	96.1	103.9	96.5	103.5	96.9	103.1	97.3	102.7	97.7	102.3	98.1	101.9
0.4	94.9	105.1	95.3	104.7	95.7	104.3	96.1	103.9	96.5	103.5	96.9	103.1	97.3	102.7	97.7	102.3	98.1	101.9
0.5	94.9	105.1	95.3	104.7	95.7	104.3	96.1	103.9	96.5	103.5	96.9	103.1	97.3	102.7	97.7	102.3	98.1	101.9
0.6	94.9	105.1	95.3	104.7	95.7	104.3	96.2	103.8	96.6	103.4	97.0	103.0	97.4	102.6	97.8	102.2	98.2	101.8
0.7	95.0	105.0	95.4	104.6	95.8	104.2	96.2	103.8	96.6	103.4	97.0	103.0	97.4	102.6	97.8	102.2	98.2	101.8
0.8	95.0	105.0	95.4	104.6	95.8	104.2	96.2	103.8	96.6	103.4	97.0	103.0	97.4	102.6	97.8	102.2	98.2	101.8
0.9	95.1	104.9	95.5	104.5	95.9	104.1	96.3	103.7	96.7	103.3	97.1	102.9	97.5	102.5	97.9	102.1	98.3	101.7
1.0	95.1	104.9	95.5	104.5	95.9	104.1	96.3	103.7	96.7	103.3	97.1	102.9	97.5	102.5	97.9	102.1	98.3	101.7
1.1	95.2	104.8	95.6	104.4	96.0	104.0	96.4	103.6	96.8	103.2	97.2	102.8	97.6	102.4	98.0	102.0	98.4	101.6
1.2	95.2	104.8	95.6	104.4	96.0	104.0	96.4	103.6	96.8	103.2	97.2	102.8	97.6	102.4	98.0	102.0	98.4	101.6
1.3	95.3	104.7	95.7	104.3	96.1	103.9	96.5	103.5	96.9	103.1	97.3	102.7	97.7	102.3	98.1	101.9	98.5	101.5
1.4	95.4	104.6	95.8	104.2	96.2	103.8	96.6	103.4	96.9	103.1	97.3	102.7	97.7	102.3	98.1	101.9	98.5	101.5
1.5	95.5	104.5	95.9	104.1	96.2	103.8	96.6	103.4	97.0	103.0	97.4	102.6	97.8	102.2	98.2	101.8	98.6	101.4
1.6	95.6	104.4	95.9	104.1	96.3	103.7	96.7	103.3	97.1	102.9	97.5	102.5	97.9	102.1	98.3	101.7	98.7	101.3
1.7	95.6	104.4	96.0	104.0	96.4	103.6	96.8	103.2	97.2	102.8	97.6	102.4	97.9	102.1	98.3	101.7	98.7	101.3
1.8	95.7	104.3	96.1	103.9	96.5	103.5	96.9	103.1	97.3	102.7	97.6	102.4	98.0	102.0	98.4	101.6	98.8	101.2
1.9	95.8	104.2	96.2	103.8	96.6	103.4	97.0	103.0	97.3	102.7	97.7	102.3	98.1	101.9	98.5	101.5	98.9	101.1
2.0	95.9	104.1	96.3	103.7	96.7	103.3	97.1	102.9	97.4	102.6	97.8	102.2	98.2	101.8	98.6	101.4	99.0	101.0
2.1	96.0	104.0	96.4	103.6	96.8	103.2	97.2	102.8	97.5	102.5	97.9	102.1	98.3	101.7	98.7	101.3	99.0	101.0
2.2	96.2	103.8	96.5	103.5	96.9	103.1	97.3	102.7	97.6	102.4	98.0	102.0	98.4	101.6	98.8	101.2	99.1	100.9
2.3	96.3	103.7	96.6	103.4	97.0	103.0	97.4	102.6	97.7	102.3	98.1	101.9	98.5	101.5	98.9	101.1	99.2	100.8
2.4	96.4	103.6	96.7	103.3	97.1	102.9	97.5	102.5	97.8	102.2	98.2	101.8	98.6	101.4	99.0	101.0	99.3	100.7
2.5	96.5	103.5	96.9	103.1	97.2	102.8	97.6	102.4	98.0	102.0	98.3	101.7	98.7	101.3	99.1	100.9	99.4	100.6
2.6	96.6	103.4	97.0	103.0	97.3	102.7	97.7	102.3	98.1	101.9	98.4	101.6	98.8	101.2	99.2	100.8	99.5	100.5
2.7	96.8	103.2	97.1	102.9	97.5	102.5	97.8	102.2	98.2	101.8	98.5	101.5	98.9	101.1	99.3	100.7	99.7	100.3



