



**USDA APHIS Horse Protection Program
Prohibited Substance Report
Fiscal Year 2019**

FY19 Prohibited Substance Overall Totals	
Type of Substance Found	No. of Times Identified in Sample
DMSO	2
Allyl Isothiocyanate	0
Octamethylcyclotetrasiloxane	0
Decamethylcyclopentasiloxane	3
Camphor	1
Menthol	2
Methyl salicylate	2
Dodecamethylcyclohexasiloxane	2
Salicylic acid	0
Butylated hydroxytoluene	2
Benzocaine	44
Isopropyl myristate	4
Lidocaine	1
Isopropyl palmitate	26
o-aminoazotoluene	22
Octyl methoxycinnamate	10
Cinnamaldehyde	0
Other	220
No. of Samples Collected:	
	268
No. of Positive Samples:	
	166
Positive Rate:	
	61.94%
No. of Padded Horses Sampled:	
	111
No. of Padded Horses Positive:	
	84
Positive Rate:	
	75.68%
No. of Flat Shod Horses Sampled:	
	23
No. of Flat Shod Horses Positive:	
	3
Positive Rate:	
	13.04%
No. of Total Horses Sampled:	
	134
No. of Total Horses Positive:	
	87
Positive Rate:	
	64.93%



**USDA APHIS Horse Protection Program
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10/13/2018 Morehead State University Fall Classic	
Type of Substance Found	No. of Times Identified in Sample
DMSO	0
Allyl Isothiocyanate	0
Octamethylcyclotetrasiloxane	0
Decamethylcyclopentasiloxane	0
Camphor	0
Menthol	0
Methyl salicylate	0
Dodecamethylcyclohexasiloxane	0
Salicylic acid	0
Butylated hydroxytoluene	0
Benzocaine	4
Isopropyl myristate	0
Lidocaine	0
Isopropyl palmitate	0
o-aminoazotoluene	2
Octyl methoxycinnamate	0
Cinnamaldehyde	0
Other	12
No. of Samples Collected:	
	20
No. of Positive Samples:	
	9
Positive Rate:	
	45.00%
No. of Padded Horses Sampled:	
	7
No. of Padded Horses Positive:	
	5
Positive Rate:	
	71.43%
No. of Flat Shod Horses Sampled:	
	3
No. of Flat Shod Horses Positive:	
	0
Positive Rate:	
	0.00%
No. of Total Horses Sampled:	
	10
No. of Total Horses Positive:	
	5
Positive Rate:	
	50.00%



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3/22/2019-3/23/2019 51st Annual National Walking Horse Trainers' Show	
Type of Substance Found	No. of Times Identified in Sample
DMSO	2
Allyl Isothiocyanate	0
Octamethylcyclotetrasiloxane	0
Decamethylcyclopentasiloxane	0
Camphor	0
Menthol	0
Methyl salicylate	0
Dodecamethylcyclohexasiloxane	0
Salicylic acid	0
Butylated hydroxytoluene	0
Benzocaine	0
Isopropyl myristate	4
Lidocaine	0
Isopropyl palmitate	7
o-aminoazotoluene	8
Octyl methoxycinnamate	0
Cinnamaldehyde	0
Other	20
No. of Samples Collected:	
	38
No. of Positive Samples:	
	24
Positive Rate:	
	63.16%
No. of Padded Horses Sampled:	
	15
No. of Padded Horses Positive:	
	12
Positive Rate:	
	80.00%
No. of Flat Shod Horses Sampled:	
	4
No. of Flat Shod Horses Positive:	
	0
Positive Rate:	
	0.00%
No. of Total Horses Sampled:	
	19
No. of Total Horses Positive:	
	12
Positive Rate:	
	63.16%



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6/15/2019 Midwest Walking Horse Trainers Show	
Type of Substance Found	No. of Times Identified in Sample
DMSO	0
Allyl Isothiocyanate	0
Octamethylcyclotetrasiloxane	0
Decamethylcyclopentasiloxane	0
Camphor	0
Menthol	0
Methyl salicylate	0
Dodecamethylcyclohexasiloxane	0
Salicylic acid	0
Butylated hydroxytoluene	0
Benzocaine	1
Isopropyl myristate	0
Lidocaine	0
Isopropyl palmitate	0
o-aminoazotoluene	0
Octyl methoxycinnamate	1
Cinnamaldehyde	0
Other	1
No. of Samples Collected:	
	20
No. of Positive Samples:	
	2
Positive Rate:	
	10.00%
No. of Padded Horses Sampled:	
	9
No. of Padded Horses Positive:	
	2
Positive Rate:	
	22.22%
No. of Flat Shod Horses Sampled:	
	1
No. of Flat Shod Horses Positive:	
	0
Positive Rate:	
	0.00%
No. of Total Horses Sampled:	
	10
No. of Total Horses Positive:	
	2
Positive Rate:	
	20.00%



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6/15/2019 50th Annual East Tennessee Classic Horse Show	
Type of Substance Found	No. of Times Identified in Sample
DMSO	0
Allyl Isothiocyanate	0
Octamethylcyclotetrasiloxane	0
Decamethylcyclopentasiloxane	0
Camphor	0
Menthol	0
Methyl salicylate	0
Dodecamethylcyclohexasiloxane	0
Salicylic acid	0
Butylated hydroxytoluene	2
Benzocaine	4
Isopropyl myristate	0
Lidocaine	0
Isopropyl palmitate	1
o-aminoazotoluene	2
Octyl methoxycinnamate	1
Cinnamaldehyde	0
Other	8
No. of Samples Collected:	
	20
No. of Positive Samples:	
	12
Positive Rate:	
	60.00%
No. of Padded Horses Sampled:	
	9
No. of Padded Horses Positive:	
	7
Positive Rate:	
	77.78%
No. of Flat Shod Horses Sampled:	
	1
No. of Flat Shod Horses Positive:	
	0
Positive Rate:	
	0.00%
No. of Total Horses Sampled:	
	10
No. of Total Horses Positive:	
	7
Positive Rate:	
	70.00%



**USDA APHIS Horse Protection Program
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6/21/19-6/22-19 West Virginia Summer Classic	
Type of Substance Found	No. of Times Identified in Sample
DMSO	0
Allyl Isothiocyanate	0
Octamethylcyclotetrasiloxane	0
Decamethylcyclopentasiloxane	2
Camphor	1
Menthol	2
Methyl salicylate	2
Dodecamethylcyclohexasiloxane	0
Salicylic acid	0
Butylated hydroxytoluene	0
Benzocaine	7
Isopropyl myristate	0
Lidocaine	0
Isopropyl palmitate	0
o-aminoazotoluene	1
Octyl methoxycinnamate	4
Cinnamaldehyde	0
Other	51
No. of Samples Collected:	
	34
No. of Positive Samples:	
	27
Positive Rate:	
	79.41%
No. of Padded Horses Sampled:	
	14
No. of Padded Horses Positive:	
	13
Positive Rate:	
	92.86%
No. of Flat Shod Horses Sampled:	
	3
No. of Flat Shod Horses Positive:	
	1
Positive Rate:	
	33.33%
No. of Total Horses Sampled:	
	17
No. of Total Horses Positive:	
	14
Positive Rate:	
	82.35%



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6/28/19-6/29/19 44th Annual Chestnut Hill Charity Horse Show	
Type of Substance Found	No. of Times Identified in Sample
DMSO	0
Allyl Isothiocyanate	0
Octamethylcyclotetrasiloxane	0
Decamethylcyclopentasiloxane	0
Camphor	0
Menthol	0
Methyl salicylate	0
Dodecamethylcyclohexasiloxane	2
Salicylic acid	0
Butylated hydroxytoluene	0
Benzocaine	6
Isopropyl myristate	0
Lidocaine	0
Isopropyl palmitate	8
o-aminoazotoluene	4
Octyl methoxycinnamate	4
Cinnamaldehyde	0
Other	53
No. of Samples Collected:	
	40
No. of Positive Samples:	
	26
Positive Rate:	
	65.00%
No. of Padded Horses Sampled:	
	16
No. of Padded Horses Positive:	
	12
Positive Rate:	
	75.00%
No. of Flat Shod Horses Sampled:	
	4
No. of Flat Shod Horses Positive:	
	1
Positive Rate:	
	25.00%
No. of Total Horses Sampled:	
	20
No. of Total Horses Positive:	
	13
Positive Rate:	
	65.00%



**USDA APHIS Horse Protection Program
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8/21/19-8/31/19 81st Annual Tennessee Walking Horse National Celebration	
Type of Substance Found	No. of Times Identified in Sample
DMSO	0
Allyl Isothiocyanate	0
Octamethylcyclotetrasiloxane	0
Decamethylcyclopentasiloxane	1
Camphor	0
Menthol	0
Methyl salicylate	0
Dodecamethylcyclohexasiloxane	0
Salicylic acid	0
Butylated hydroxytoluene	0
Benzocaine	12
Isopropyl myristate	0
Lidocaine	1
Isopropyl palmitate	8
o-aminoazotoluene	5
Octyl methoxycinnamate	0
Cinnamaldehyde	0
Other	51
No. of Samples Collected:	
	66
No. of Positive Samples:	
	46
Positive Rate:	
	69.70%
No. of Padded Horses Sampled:	
	28
No. of Padded Horses Positive:	
	23
Positive Rate:	
	82.14%
No. of Flat Shod Horses Sampled:	
	5
No. of Flat Shod Horses Positive:	
	1
Positive Rate:	
	20.00%
No. of Total Horses Sampled:	
	33
No. of Total Horses Positive:	
	24
Positive Rate:	
	72.73%



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09/20/19-09/21/19 Kentucky Celebration	
Type of Substance Found	No. of Times Identified in Sample
DMSO	0
Allyl Isothiocyanate	0
Octamethylcyclotetrasiloxane	0
Decamethylcyclopentasiloxane	0
Camphor	0
Menthol	0
Methyl salicylate	0
Dodecamethylcyclohexasiloxane	0
Salicylic acid	0
Butylated hydroxytoluene	0
Benzocaine	10
Isopropyl myristate	0
Lidocaine	0
Isopropyl palmitate	2
o-aminoazotoluene	0
Octyl methoxycinnamate	0
Cinnamaldehyde	0
Other	24
No. of Samples Collected:	
	30
No. of Positive Samples:	
	20
Positive Rate:	
	66.67%
No. of Padded Horses Sampled:	
	13
No. of Padded Horses Positive:	
	10
Positive Rate:	
	76.92%
No. of Flat Shod Horses Sampled:	
	2
No. of Flat Shod Horses Positive:	
	0
Positive Rate:	
	0.00%
No. of Total Horses Sampled:	
	15
No. of Total Horses Positive:	
	10
Positive Rate:	
	66.67%