



USDA APHIS Horse Protection Program Prohibited Substance Report Fiscal Year 2018

FY18 Prohibited Substance Overall Totals	
Type of Substance Found	No. of Times Identified in Sample
DMSO	1
Allyl Isothiocyanate	0
Octamethylcyclotetrasiloxane	1
Decamethylcyclopentasiloxane	11
Camphor	0
Menthol	2
Methyl salicylate	0
Dodecamethylcyclohexasiloxane	0
Salicylic acid	0
Butylated hydroxytoluene	0
Benzocaine	57
Isopropyl myristate	9
Lidocaine	2
Isopropyl palmitate	65
o-aminoazotoluene	116
Octyl methoxycinnamate	35
Cinnamaldehyde	0
Other	360
No. of Samples Collected:	520
No. of Positive Samples:	331
Positive Rate:	63.65%
No. of Padded Horses Sampled:	194
No. of Padded Horses Positive:	144
Positive Rate:	74.23%
No. of Flat Shod Horses Sampled:	66
No. of Flat Shod Horses Positive:	28
Positive Rate:	42.42%
No. of Total Horses Sampled:	260
No. of Total Horses Positive:	172
Positive Rate:	66.15%



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10/20/2017 HAWHA 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	2
Isopropyl myristate	0
Lidocaine	0
Isopropyl palmitate	0
o-aminoazotoluene	5
Octyl methoxycinnamate	0
Cinnamaldehyde	0
Other	6
No. of Samples Collected:	12
No. of Positive Samples:	10
Positive Rate:	83.33%



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11/04/2017 Florence Charity 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	4
Isopropyl myristate	0
Lidocaine	0
Isopropyl palmitate	1
o-aminoazotoluene	0
Octyl methoxycinnamate	3
Cinnamaldehyde	0
Other	17
No. of Samples Collected:	20
No. of Positive Samples:	10
Positive Rate:	50.00%



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3/03/2018 Laurel Charity Walking 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	0
Benzocaine	0
Isopropyl myristate	0
Lidocaine	0
Isopropyl palmitate	4
o-aminoazotoluene	0
Octyl methoxycinnamate	0
Cinnamaldehyde	0
Other	3
No. of Samples Collected:	18
No. of Positive Samples:	6
Positive Rate:	33.30%



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3/22-3/24/2018 50th Annual National Walking Horse Trainer's Show	
Type of Substance Found	No. of Times Identified in Sample
DMSO	0
Allyl Isothiocyanate	0
Octamethylcyclotetrasiloxane	0
Decamethylcyclopentasiloxane	2
Camphor	0
Menthol	0
Methyl salicylate	0
Dodecamethylcyclohexasiloxane	0
Salicylic acid	0
Butylated hydroxytoluene	0
Benzocaine	3
Isopropyl myristate	0
Lidocaine	0
Isopropyl palmitate	10
o-aminoazotoluene	10
Octyl methoxycinnamate	2
Cinnamaldehyde	0
Other	11
No. of Samples Collected:	40
No. of Positive Samples:	17
Positive Rate:	42.50%



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3/30/18 Magnolia 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	2
Isopropyl myristate	0
Lidocaine	0
Isopropyl palmitate	10
o-aminoazotoluene	0
Octyl methoxycinnamate	0
Cinnamaldehyde	0
Other	23
No. of Samples Collected:	10
No. of Positive Samples:	10
Positive Rate:	100.00%



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3/31/18 Magnolia Classic Racking 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	2
Isopropyl myristate	0
Lidocaine	0
Isopropyl palmitate	0
o-aminoazotoluene	0
Octyl methoxycinnamate	0
Cinnamaldehyde	0
Other	4
No. of Samples Collected:	10
No. of Positive Samples:	4
Positive Rate:	40.00%



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5/5/2018 KWRHTA Derby 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	2
Isopropyl myristate	0
Lidocaine	0
Isopropyl palmitate	0
o-aminoazotoluene	0
Octyl methoxycinnamate	0
Cinnamaldehyde	0
Other	3
No. of Samples Collected:	20
No. of Positive Samples:	5
Positive Rate:	25.00%



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6/02/2018 Taylor County Fair Tommie Jones Memorial 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	0
Benzocaine	0
Isopropyl myristate	0
Lidocaine	0
Isopropyl palmitate	0
o-aminoazotoluene	0
Octyl methoxycinnamate	0
Cinnamaldehyde	0
Other	9
No. of Samples Collected:	18
No. of Positive Samples:	9
Positive Rate:	50.00%



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6/23/2018 52nd Annual Savannah Lions Walking Horse Royal	
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	2
Isopropyl myristate	0
Lidocaine	0
Isopropyl palmitate	0
o-aminoazotoluene	4
Octyl methoxycinnamate	0
Cinnamaldehyde	0
Other	10
No. of Samples Collected:	12
No. of Positive Samples:	10
Positive Rate:	83.33%



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6/30/2018 47th Annual Northside Lions Club Horse Show	
Type of Substance Found	No. of Times Identified in Sample
DMSO	0
Allyl Isothiocyanate	0
Octamethylcyclotetrasiloxane	0
Decamethylcyclopentasiloxane	3
Camphor	0
Menthol	0
Methyl salicylate	0
Dodecamethylcyclohexasiloxane	0
Salicylic acid	0
Butylated hydroxytoluene	0
Benzocaine	3
Isopropyl myristate	1
Lidocaine	0
Isopropyl palmitate	1
o-aminoazotoluene	9
Octyl methoxycinnamate	4
Cinnamaldehyde	0
Other	29
No. of Samples Collected:	30
No. of Positive Samples:	23
Positive Rate:	76.67%



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7/13-7/14/2018 Tollesboro Lions Club 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	0
Benzocaine	0
Isopropyl myristate	0
Lidocaine	0
Isopropyl palmitate	0
o-aminoazotoluene	4
Octyl methoxycinnamate	0
Cinnamaldehyde	0
Other	9
No. of Samples Collected:	16
No. of Positive Samples:	8
Positive Rate:	50.00%



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7/21/2018 19th Annual Parker's Crossroads Walking 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	0
Benzocaine	0
Isopropyl myristate	0
Lidocaine	0
Isopropyl palmitate	6
o-aminoazotoluene	11
Octyl methoxycinnamate	0
Cinnamaldehyde	0
Other	48
No. of Samples Collected:	30
No. of Positive Samples:	24
Positive Rate:	80.00%



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7/28/2018 78th Annual Red Carpet Horse Show of the South	
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	0
Isopropyl myristate	0
Lidocaine	0
Isopropyl palmitate	0
o-aminoazotoluene	4
Octyl methoxycinnamate	2
Cinnamaldehyde	0
Other	16
No. of Samples Collected:	20
No. of Positive Samples:	16
Positive Rate:	80.00%



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7/27/2018 42nd Annual Marshall Co. Horseman's Association Horse Show	
Type of Substance Found	No. of Times Identified in Sample
DMSO	0
Allyl Isothiocyanate	0
Octamethylcyclotetrasiloxane	0
Decamethylcyclopentasiloxane	2
Camphor	0
Menthol	0
Methyl salicylate	0
Dodecamethylcyclohexasiloxane	0
Salicylic acid	0
Butylated hydroxytoluene	0
Benzocaine	3
Isopropyl myristate	1
Lidocaine	0
Isopropyl palmitate	8
o-aminoazotoluene	6
Octyl methoxycinnamate	4
Cinnamaldehyde	0
Other	18
No. of Samples Collected:	26
No. of Positive Samples:	21
Positive Rate:	80.77%



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8/3-8/4/2018 Carter County Shriner Club 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	0
Benzocaine	4
Isopropyl myristate	1
Lidocaine	2
Isopropyl palmitate	6
o-aminoazotoluene	6
Octyl methoxycinnamate	0
Cinnamaldehyde	0
Other	37
No. of Samples Collected:	30
No. of Positive Samples:	27
Positive Rate:	90.00%



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8/10-8/11/2018 6th Annual Roger Latham Walking & Racking Horse Show	
Type of Substance Found	No. of Times Identified in Sample
DMSO	0
Allyl Isothiocyanate	0
Octamethylcyclotetrasiloxane	0
Decamethylcyclopentasiloxane	0
Camphor	0
Menthol	2
Methyl salicylate	0
Dodecamethylcyclohexasiloxane	0
Salicylic acid	0
Butylated hydroxytoluene	0
Benzocaine	7
Isopropyl myristate	0
Lidocaine	0
Isopropyl palmitate	0
o-aminoazotoluene	6
Octyl methoxycinnamate	6
Cinnamaldehyde	0
Other	22
No. of Samples Collected:	24
No. of Positive Samples:	22
Positive Rate:	91.67%



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8/11/2018 Fentress County Fair Walking Horse Show	
Type of Substance Found	No. of Times Identified in Sample
DMSO	0
Allyl Isothiocyanate	0
Octamethylcyclotetrasiloxane	0
Decamethylcyclopentasiloxane	2
Camphor	0
Menthol	0
Methyl salicylate	0
Dodecamethylcyclohexasiloxane	0
Salicylic acid	0
Butylated hydroxytoluene	0
Benzocaine	2
Isopropyl myristate	0
Lidocaine	0
Isopropyl palmitate	0
o-aminoazotoluene	0
Octyl methoxycinnamate	2
Cinnamaldehyde	0
Other	6
No. of Samples Collected:	12
No. of Positive Samples:	6
Positive Rate:	50.00%



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8/24-9/1/2018 80th Annual TWH National Celebration	
Type of Substance Found	No. of Times Identified in Sample
DMSO	1
Allyl Isothiocyanate	0
Octamethylcyclotetrasiloxane	1
Decamethylcyclopentasiloxane	2
Camphor	0
Menthol	0
Methyl salicylate	0
Dodecamethylcyclohexasiloxane	0
Salicylic acid	0
Butylated hydroxytoluene	0
Benzocaine	11
Isopropyl myristate	5
Lidocaine	0
Isopropyl palmitate	15
o-aminoazotoluene	39
Octyl methoxycinnamate	8
Cinnamaldehyde	0
Other	61
No. of Samples Collected:	100
No. of Positive Samples:	73
Positive Rate:	73.00%



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9/22-9/28/2018 47th Annual World 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	6
Isopropyl myristate	1
Lidocaine	0
Isopropyl palmitate	2
o-aminoazotoluene	8
Octyl methoxycinnamate	0
Cinnamaldehyde	0
Other	16
No. of Samples Collected:	62
No. of Positive Samples:	22
Positive Rate:	35.48%



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9/22/2018 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	4
Isopropyl myristate	0
Lidocaine	0
Isopropyl palmitate	2
o-aminoazotoluene	4
Octyl methoxycinnamate	4
Cinnamaldehyde	0
Other	12
No. of Samples Collected:	10
No. of Positive Samples:	8
Positive Rate:	80.00%