

LOT 6: Reference standards form USP, sigma/Merck or equivalent

Item no	Reference standards	CAS Number/Item No/ Lot number	quantity
1	Aflatoxin B1 solution, certified reference material, 3 µg/mL in benzene:acetonitrile (98:2), ampule of 2 mL	1162-65-8	Vial of 4
2	Aflatoxin B2 solution, certified reference material, 3 µg/mL in benzene:acetonitrile (98:2), ampule of 2 mL	7220-81-7	Vial of 4
3	Aflatoxin G2 solution, certified reference material, 3 µg/mL in benzene:acetonitrile (98:2), ampule of 2 mL	7241-98-7	Vial of 4
4	Aflatoxin G1 solution, certified reference material, 3 µg/mL in benzene:acetonitrile (98:2), ampule of 2 mL	1165-39-5	Vial of 4
5	Aflatoxin Mix 4 solution, B1, G1, B2, G2 in acetonitrile (20 ug/mL each) in benzene:acetonitrile (98:2), ampule of 2 ml	33415	Vial of 4
6	Aflatoxin M1 solution certified reference material, 10 µg/mL in methanol/ acetonitrile, ampule of 1 mL	CRM46319	Vial of 4
7	2,4-D certified reference material, TraceCERT® , pestanal grade 100 mg	94-75-7	Vial of 2
8	4,4'-DDT certified reference material, TraceCER, pestanal grade, 50 mg	50-29-3	Vial of 2
9	Diazinon certified reference material, TraceCERT® PESTANAL® grade, 50 mg	333-41-5	Vial of 2
10	Malathion certified reference material, TraceCERT® , pestanal grade vial of 50mg	121-75-5	Vial of 2
11	Dieldrin PESTANAL®, analytical standard vial of 100mg	60-57-1	Vial of 2
12	Endrin PESTANAL®, analytical standard vial of 100mg	72-20-8	Vial of 2
13	Aldrin certified reference material, TraceCERT® vial of 50mg	309-00-2	Vial of 2
14	Heptachlor PESTANAL®, analytical standard vial of 100mg	76-44-8	Vial of 2
15	Parathion-methyl PESTANAL®, analytical standard grade vial of 100mg	298-00-0	Vial of 2
16	Aldicarb certified reference material, TraceCERT® grade vial of 50mg	116-06-3	Vial of 2
17	Acetophenone TraceCERT®, certified reference material grade vial of 50mg	98-86-2	Vial of 2
18	Tetrahydrofuran for liquid chromatography LiChrosolv®. , pestanal grade vial of 100mg	109-99-9	Vial of 2
19	Methiocarb PESTANAL®, analytical standard grade vial of 100mg	2032-65-7	Vial of 2
20	Acephate PESTANAL®, analytical standard grade vial of 250 mg	30560-19-1	Vial of

			2
21	α -HCH PESTANAL®, analytical standard, vial of 50mg	319-84-6	Vial of 2
22	β -HCH PESTANAL®, analytical standard, vial of 50mg	319-85-7	Vial of 2
23	Lindane PESTANAL®, analytical standard, vial of 250mg	58-89-9	Vial of 2
24	Chlorpyrifos certified reference material, TraceCERT® grade vial of 100mg	2921-88-2	Vial of 2
25	Methamidophos certified reference material, TraceCERT® grade vial of 50mg	10265-92-6	Vial of 2
26	Monocrotophos, PESTANAL®, analytical standard grade vial of 100mg	6923-22-4	Vial of 1
27	Omethoate, PESTANAL®, analytical standard , grade vial of 100mg	1113-02-6	Vial of 1
28	Chlorothalonil, PESTANAL®, analytical standard grade vial of 250mg	1897-45-6	Vial of 1
29	Methiocarb, PESTANAL®, analytical standard grade vial of 100mg	2032-65-7	Vial of 1
30	Carbaryl, PESTANAL®, analytical standard grade vial of 100mg	63-25-2	Vial of 1
31	Methomyl, PESTANAL®, analytical standard grade vial of 100mg	16752-77-5	Vial of 1
32	2,4'-Dichlorobiphenyl, BCR® certified Reference Material grade vial of 100mg	34883-43-7	Vial of 1
33	Dieldrin, PESTANAL®, analytical standard grade vial of 100mg	60-57-1	Vial of 1
34	Sodium Standard for ICP-MS, TraceCERT®, 1000 mg/L Na in nitric acid , bottle of 100 ml	00462	Bottle of 1
35	Potassium Standard for ICP-MS, TraceCERT®, 1000 mg/L K in nitric acid , bottle of 100ml	06335	Bottle of 1
36	Calcium standard solution, traceable to SRM from NIST Ca(NO ₃) ₂ in HNO ₃ 0.5 mol/l 1000 mg/l Ca Certipur®, bottle of 100ml	1.19778	Bottle of 1
37	Magnesium Standard for ICP, TraceCERT®, 1000 mg/L Mg in nitric acid , bottle of 100 ml	30083	Bottle of 1
38	Iron Standard for ICP, TraceCERT®, 1000 mg/L Fe in nitric acid , bottle of 100 ml	43149	Bottle of 1
39	Copper Standard for ICP, TraceCERT®, 1000 mg/L Cu in nitric acid , bottle of 100 ml	68921	Bottle of 1
40	Zinc Standard for ICP, TraceCERT®, 1000 mg/L Zn in nitric acid, bottle of 100 ml	18562	Bottle of 1
41	Manganese Standard for ICP, TraceCERT®, 1000 mg/L Mn in nitric acid , bottle of 100 ml	74128	Bottle of 1
42	Lead Standard for ICP, TraceCERT®, 1000 mg/L Pb in nitric acid , bottle of 100 ml	41318	Bottle of 1
43	Mercury Standard for ICP, TraceCERT®, 1000 mg/L Hg in nitric acid	28941	Bottle

	, bottle of 100 ml		of 1
44	Arsenic Standard for ICP, TraceCERT®, 1000 mg/L As in nitric acid , bottle of 250ml	01969	Bottle of 1
45	Cadmium Standard for ICP, TraceCERT®, 1000 mg/L Cd in nitric acid, bottle of 100 ml	36379	Bottle of 1
46	Aluminum Standard for ICP, TraceCERT®, 1000 mg/L Al in nitric acid , bottle of 100 ml	61935	Bottle of 1
47	Chromium Standard for ICP, TraceCERT®, 1000 mg/L Cr in nitric acid , bottle of 100 ml	74582	Bottle of 1
48	Fatty acid methyl ester reference standard mixes, (Methyl Palmitate, Methyl Stearate, Methyl Oleate, Methyl Linoleate, Methyl Linolenate, Methyl Arachidate) percent by weight, 6.0, 3.0, 35.0, 50.0, 3.0, 3.0 respectively, vials of 25mg		Bottle of 2
49	Fatty acid methyl ester reference standard mixes, (methyl myristate, Methyl Palmitate, methyl palmitoleate, Methyl Stearate, Methyl Oleate, Methyl Linoleate, Methyl Linolenate) percent by weight, 2.0, 30.0, 3.0, 14.0, 41.0, 7.0 respectively, vials of 25mg		Bottle of 2
50	Fatty acid methyl ester reference standard mixes, (methyl myristate, Methyl Palmitate, Methyl Stearate, Methyl Oleate, Methyl Linoleate, Methyl Linolenate, Methyl Arachidate, methyl behenet, Methyl Erucate, Methyl Lignocerate) percent by weight, 1.0, 4.0, 3.0, 45.0, 15.0, 3.0, 3.0, 3.0, 20.0, 3.0 respectively, vials of 25mg		Bottle of 2
51	Milk powder (oxytetracycline), BCR® certified Reference Material , with certificate of analysis,	43631	1 Set
52	Wheat Flour certified reference material, with certificate of analysis indicating all the proximate values ,bottle of 37 gram	ERMBC382	Bottle of 6
53	Wheat Flour certified reference material, with certificate of analysis for trace elements ,bottle of 50gram	NIST1567B	Bottle of 4
54	Meat certified reference material, with certificate of analysis indicating all the proximate values, bottle of 250gram		Bottle of 2
55	Whole milk powder, ERM® certified Reference Material, aflatoxin M1, low level , bottle of 30g	ERMBD283	Bottle of 4
56	Defatted peanut meal (aflatoxin B1, high level) BCR® certified Reference Material, bottle of 150g	BCR 264	Bottle of 1
57	5-(Hydroxymethyl)furfural analytical standard, bottle of 100 mg	67-47-0	Bottle of 3
58	Fructose, (USP) Reference Standard , bottle of 50grams	57-48-7	Bottle of 2
59	Glucose(Dextrose)(USP) Reference Standard , bottle of 50grams	50-99-7	Bottle of 2
60	Sucrose, BioUltra, for molecular biology, ≥99.5% (HPLC) , bottle of 50grams	57-50-1	Bottle of 2
61	D-(+)-Maltose monohydrate, BioUltra, ≥99.0% (HPLC) , bottle of 50grams	6363-53-7	Bottle of 2

62	Galactose, (USP) Reference Standard , bottle of 50grams	3646-73-9	Bottle of 2
63	D-(+)-Turanose, $\geq 98\%$, bottle of 50 grams	547-25-1	Bottle of 2
64	Animal feed (OCP's), BCR® certified Reference Material, bottle of 30gram	BCR115	bottle of 4
65	Artificial food stuff (fructose, lactose, sucrose and glucose) certified reference material, bottle of 50gram	BCR644	bottle of 4
66	Deffatted peanut meal (aflatoxine B1, high level), bottle of 150gram	BCR264	bottle of 2
67	Whole milk powder, certified reference material, aflatoxine M1, high level, bottle of 30 gram	ERMBD284	bottle of 4
68	Rice flour (trace elements) certified reference material, bottle of 15gram	IRMM804	bottle of 4
69	Spiked milk powder (pesticides) certified reference material, bottle of 20grams	BCR188	bottle of 4
70	Dairy feed, BCR® certified Reference Material , bottle of 40 gram	BCR708	bottle of 4
71	Whole milk powder, ERM® certified Reference Material, vitamins, bottle of 100 gram	ERMBD600	bottle of 2
72	Methyl palmitate, (USP) Reference Standard, vials of 100mg	112-39-0	Vial of 2
73	Methyl stearate, (USP) Reference Standard, vials of 100mg	112-61-8	Vial of 2
74	Methyl oleate, United States Pharmacopeia (USP) Reference Standard vials of 100mg	112-62-9	Vial of 2
75	Methyl linoleate,(USP) Reference Standard, vials of 100mg	112-63-0	Vial of 2
76	Methly linolenate reference standard, vials of 100mg		Vial of 2
77	Methyl arachidate, $\geq 99\%$ (capillary GC) reference standard, vials of 100mg	1120-28-1	Vial of 2
78	Methyl myristate, (USP) Reference Standard reference standard, vials of 100mg	124-10-7	Vial of 2
79	Methyl palmitoleate,(USP) Reference Standard reference standard, vials of 100mg	1120-25-8	Vial of 2
80	Methyl behenate, $\geq 98.5\%$ (capillary GC) reference standard, vials of 100mg	929-77-1	Vial of 2
81	Methyl cis-13-docosenoate, analytical standard (Methyl erucate) reference standard, vials of 100mg	1120-34-9	Vial of 2
82	Methyl tetracosanoate, $\geq 99.0\%$ (capillary GC), reference standard, vials of 100mg	2442-49-1	Vial of 2
83	Methyl laurate, (USP) Reference Standard , vials of 100mg	111-82-0	Vial of 2
84	Methyl butyrate, natural, $\geq 98\%$, FG reference standard, vials of 100mg	623-42-7	Vial of 2
85	Methyl caprate, (USP) Reference Standard , vials of 100mg	110-42-9	Vial of 2

86	Methyl caproate, (USP) Reference Standard , vials of 100mg	106-70-7	Vial of 2
87	Methyl linoleate (USP) reference standard, vials of 100 mg	112-63-0	Vial of 2
88	Vitamin B1 (Thiamine HCl) USP reference standard, vial of 100mg	Current Lot at the time of delivery	Vial of 2
89	Bitamin B2 (riboflavin) USP reference standard, Vial of 100mg	Current Lot at the time of delivery	Vial of 2
90	Vitamin C (Ascorbic acid) USP reference standard, Vial of 100mg	Current Lot at the time of delivery	Vial of 2
91	Vitamine D2(Ergocaliciferol) USP reference standard, Vial of 100mg	Current Lot at the time of delivery	Vial of 2
92	Vitamin D3 (Cholecalciferol) USP reference standard, Vial of 100mg	Current Lot at the time of delivery	Vial of 2
93	Vitamin B6 (Pyridoxine HCl) USP reference standard, Vial of 100mg	Current Lot at the time of delivery	Vial of 2
94	Vitamin B12 (Cyanocobalamine)USP reference standard, Vial of 100mg	Current Lot at the time of delivery	Vial of 2
95	Nicotinic acid USP reference standard, Vial of 100mg	Current Lot at the time of delivery	Vial of 2
96	Biotin USP reference standard, Vial of 100mg	Current Lot at the time of delivery	Vial of 2
97	Folic acid USP reference standard, Vial of 100mg	Current Lot at the time of delivery	Vial of 2
98	Retinyl palmitate USP reference standard, Vial of 100mg	Current Lot at the time of delivery	Vial of 2
99	Calcium panthothenate USP reference standard, Vial of 100mg	Current Lot at the time of delivery	Vial of 2
100	All-rac- α -tocophenyl acetate USP reference standard, Vial of 100mg	Current Lot at the time of delivery	Vial of 2
101	Vitamin K1 (Phylloquinone) USP reference standard, Vial of 100mg	Current Lot at the time of delivery	Vial of 2
102	Albendazole USP reference standard, Vial of 200 mg	Current Lot at the time of delivery	Vial of 2
103	Amoxicillin USP reference standard, Vial of 100mg	Current Lot at the time of delivery	Vial of 2
104	Benzylopenicillin USP reference standard, Vial of 100mg	Current Lot at the time of delivery	Vial of 2
105	Ceftiofur USP reference standard, Vial of 100mg	Current Lot at the time of delivery	Vial of 2
106	Oxytetracycline USP reference standard, Vial of 200 mg	Current Lot at the time of delivery	Vial of 2
107	Colistin USP reference standard, Vial of 100mg	Current Lot at the time of delivery	Vial of 2
108	Erythromycin USP reference standard, Vial of 100mg	Current Lot at the time of delivery	Vial of 2
109	Neomycin USP reference standard, Vial of 100mg	Current Lot at the time of delivery	Vial of 2

110	Spectinomycin USP reference standard, Vial of 100mg	Current Lot at the time of delivery	Vial of 2
111	Chloramphenicol USP reference standard, Vial of 100mg	Current Lot at the time of delivery	Vial of 2
112	Enoxacin USP reference standard, Vial of 100mg	Current Lot at the time of delivery	Vial of 2
113	Lomefloxacin USP reference standard, Vial of 100mg	Current Lot at the time of delivery	Vial of 2
114	Sulfanilamide USP reference standard, Vial of 100mg	Current Lot at the time of delivery	Vial of 2
115	Sulfamethoxazole USP reference standard, Vial of 100mg	Current Lot at the time of delivery	Vial of 2
116	Cloxacillin USP reference standard, Vial of 100mg	Current Lot at the time of delivery	Vial of 2
117	Ampicilline USP reference standard, Vial of 100mg	Current Lot at the time of delivery	Vial of 2
118	Chlorotetracycline USP reference standard, Vial of 100mg	Current Lot at the time of delivery	Vial of 2
119	Gentamicine USP reference standard, Vial of 100mg	Current Lot at the time of delivery	Vial of 2
120	Ivermectine USP reference standard, Vial of 100mg	Current Lot at the time of delivery	Vial of 2
121	Levamisole HCl USP reference standard, Vial of 100mg	Current Lot at the time of delivery	Vial of 2
122	Neomycine USP reference standard, Vial of 100mg	Current Lot at the time of delivery	Vial of 2
123	Penicilline G USP reference standard, Vial of 100mg	Current Lot at the time of delivery	Vial of 2
124	Spectinomycine USP reference standard, Vial of 100mg	Current Lot at the time of delivery	Vial of 2
125	Stereptomycine USP reference standard, Vial of 100mg	Current Lot at the time of delivery	Vial of 2
126	Sulfabenzamide USP reference standard, Vial of 100mg	Current Lot at the time of delivery	Vial of 2
127	Sulfacetamide USP reference standard, Vial of 100mg	Current Lot at the time of delivery	Vial of 2
128	Sulfadiazine USP reference standard, Vial of 100mg	Current Lot at the time of delivery	Vial of 2
129	Sulfadoxine USP reference standard, Vial of 100mg	Current Lot at the time of delivery	Vial of 2
130	Tetracycline USP reference standard, Vial of 100mg	Current Lot at the time of delivery	Vial of 2
140	Amprolium USP reference standard, Vial of 100mg	Current Lot at the time of delivery	Vial of 2
141	Sunflower oil analytical standard , 1000mg/ampoul	47123	Vials of 2
142	Peanut oil analytical standard, 1000mg/ampoul	47119	Vials of 2
143	Soyabean oil analytical standard, 1000mg/ampoul	47122	Vials of 2

144	Olive oil analytical standard, 1000mg/ampoul	47118	Vials of 2
145	Palm oil analytical standard, 1000mg/ampoul	46962	Vials of 2