

ROIDCheck: Wave 4 Report

About ROIDCheck

ROIDCheck is a project led by Dr Timothy Piatkowski in collaboration with Hi-Ground and CheQpoint. The project aims to develop methods to analyse the contents of performance and image enhancing drugs (PIEDs). [Find out more here](#). We thank the community for their continued support of this *testing and research implementation* program. Without their assistance this would not have been possible.

Wave 4 consisted of 91 samples dropped off for analysis between the Brisbane and Gold Coast wider area. These samples were collected between 13th of December 2024 until the 4th of April 2025.

Cumulative Summary	Total (n)	%
Presence (n=91)		
Expected Steroid	81	89.0
Unexpected Steroid	10	11.0
	91	100.0
Purity (n=71)		
Underdosed Steroid	51	71.8
Correctly Dosed Steroid	7	9.9
Different/Unexpected Steroid	10	14.1
Overdosed Steroid	3	4.2
	71	100.0

Of those 91 samples, 81 (89%) contained what was expected with 10 (11%) samples containing unexpected substances. There were 20 (22%) samples that were not quantified due to dosages not provided by the client or certified reference not available at time of testing.

Purity data was available for 71 samples. With respect to dosage, 7 (9.9%) samples were correctly dosed, 51 (71.8%) of samples were underdosed and 3 (4.2%) were overdosed.

Report overview – WAVE 4

Wave 4, included in this report, includes analyses from 91 **samples** submitted to CheQpoint from 13 December 2024 to 04 April 2025.

Out of 91 samples, 20 samples could not be calculated due to missing information – leaving us with 71 **samples for analysis**.

Qualitative analysis (what's in there?)

We analysed the compounds in 91 samples. We found:

- Expected compound in 81 samples (89.0%)
- Unexpected compounds in 10 samples (11.0%)

Quantitative analysis (how much is in there?)

We analysed concentration for 71 samples (with $\pm 5\%$ error allowance). We found

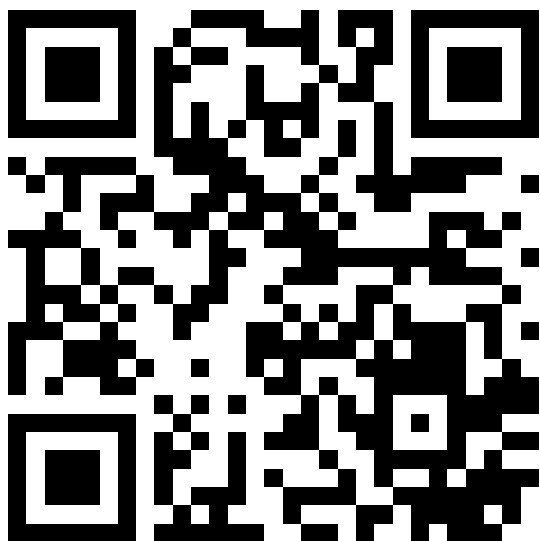
- Expected concentration in 7 samples (9.9%)
- Underdosing in 51 samples (71.8%): there was *lower concentration* than expected
- Overdosing in 3 samples (4.2%): there was *higher concentration* than expected.

The remaining 10 samples (14.1%) were not the PIED/s as suggested.

Steroid QNECT

Steroid Qnect is part of Peer Qnect. It is a free and confidential service run by QuIVAA to provide support to people who use substances, including those using anabolic steroids & other performance enhancing drugs. If you need further harm reduction advice regarding steroid testing data or would like to have a health conversation, please reach out.

Link - <https://quivaa.org.au/advocacy-action/>



Phone: 1800 175 889

Email for Steroids: sonyaw@quivaa.org.au

Opening hours: Mon – Fri 9am-4pm

QuIVAA

Full results

Notes on Wave 4 results

Branding disclaimer

Brand information is based on self-reports or packaging, but its legitimacy cannot be verified due to the possibility of counterfeits. Please consider this when reviewing brand names.

Wave 4 Survey

Please assist Tim and his team with continuous data collection and evaluation for this important program of work by taking 5 minutes to complete this survey.

Link - https://griffithuw.qualtrics.com/jfe/form/SV_bOchtGSKSwVWdBs



Injectables

Analysed samples n=60

Note: Please note $\pm 5\%$ error is respective of expected concentration, not calculated concentration.

Sample ID	Expected PIED	Expected concentration	Brand	PIED match? (Y/N)	Detected PIED	Concentration match? (Y/N)	Detected concentration
Injectables							
G-1000	Boldenone undecylenate	200mg/mL	AKA Labs	Yes	Boldenone undecylenate	N/A – no reference material	
G-1002	Boldenone undecylenate	200mg/mL	AKA Labs	Yes	Boldenone undecylenate	N/A – no reference material	
G-0954	Boldenone undecylenate	200mg/mL	AKA Labs	Yes	Boldenone undecylenate	N/A – no reference material	
B-1074	Dihydroboldenone	100mg/mL	Ugl Oz	Yes	1-Testosterone cypionate – note: structurally different to Dihydroboldenone but molar mass is the same	N/A – no reference material	Reporting as 1-Testosterone cypionate. 35.6mg/mL ($\pm 5\%$ error = 95.0 – 105.0)
B-1205	Dihydroboldenone cypionate	100mg/mL	Pinman Labs	Yes	1-Testosterone cypionate - note: structurally different to Dihydroboldenone cypionate but molar mass is the same	N/A – no reference material	Reporting as 1-Testosterone cypionate. 39.0mg/mL ($\pm 5\%$ error = 95.0 – 105.0)
B-1019	Drostanolone enanthate	200mg/mL	Platinum Labs	Yes	Drostanolone enanthate	No – underdosed	179.5mg/mL ($\pm 5\%$ error = 190.0 – 210.0)
B-1075	Drostanolone enanthate	200mg/mL	VIP Pharma	Yes	Drostanolone enanthate	Yes	198.3mg/mL ($\pm 5\%$ error = 190.0 – 210.0)
B-1077	Drostanolone enanthate	200mg/mL	Alpha Labs	Yes	Drostanolone enanthate	No – underdosed	173.9mg/mL ($\pm 5\%$ error = 190 – 210)
B-1078	Drostanolone enanthate	200mg/mL	VIP Pharma	Yes	Drostanolone enanthate	Yes	197.0mg/mL ($\pm 5\%$ error = 190.0 – 210.0)
B-1207	Drostanolone enanthate	200mg/mL	Pinman Labs	Yes	Drostanolone enanthate	No – underdosed	183.4mg/mL ($\pm 5\%$ error = 190.0 – 210.0)
B-1208	Drostanolone enanthate	400mg/mL	Pinman Labs	Yes	Drostanolone enanthate	No – underdosed	299.1mg/mL ($\pm 5\%$ error = 380.0 – 420.0)
G-0968	Drostanolone enanthate	400mg/mL	Shelby Pharma Corp	Yes	Drostanolone enanthate	No – underdosed	328.3mg/mL ($\pm 5\%$ error = 380.0 – 420.0)
G-0970	Drostanolone enanthate	200mg/mL	Hybrid Labs	Yes	Drostanolone enanthate	No – underdosed	170.8mg/mL ($\pm 5\%$ error = 190.0 – 210.0)
G-0971	Drostanolone enanthate	200mg/mL	Hybrid	Yes	Drostanolone enanthate	No –	158.9mg/mL ($\pm 5\%$ error =

B-1070	Drostanolone propionate	100mg/mL	Sigma Labs	Yes	Drostanolone propionate	underdosed No – overdosed	190.0 – 210.0) 134.9mg/mL (±5% error = 95.0 – 105.0)
B-1087	Methenolone Enanthate	200mg/mL	Alpha Labs	No	Drostanolone enanthate	No – different PIED	181.1mg/mL (±5% error = 190.0 – 210.0)
G-0959	Methenolone enanthate	200mg/mL	Platinum Labs	No	Drostanolone enanthate	No – different PIED	307.5mg/mL (±5% error = 190.0 – 210.0)
B-1085	Nandrolone decanoate	300mg/mL	Anabolic Advance ments	Yes	Nandrolone decanoate	N/A – no reference material	
B-1164	Nandrolone decanoate	300mg/mL	Anabolic Advance ments	Yes	Nandrolone decanoate	N/A – no reference material	
G-0956	Nandrolone decanoate	200mg/mL	AKA Labs	Yes	Nandrolone decanoate	N/A – no reference material	
G-0958	Nandrolone decanoate	200mg/mL	Platinum Labs	Yes	Nandrolone decanoate	N/A – no reference material	
G-0966	Nandrolone decanoate	300mg/mL	Shelby Pharma Corp	Yes	Nandrolone decanoate	N/A – no reference material	
G-1003	Nandrolone decanoate	200mg/mL	AKA Labs	Yes	Nandrolone decanoate	N/A – no reference material	
B-1150	Nandrolone phenylpropionate	100mg/mL	Pinman Labs	Yes	Nandrolone phenylpropionate	No – underdosed	86.1mg/mL (±5% error = 95.0 – 105.0)
G-0967	Nandrolone phenylpropionate	100mg/mL	Shelby Pharma Corp	Yes	Nandrolone Phenylpropionate	No – underdosed	88.0 mg/mL (±5% error = 95.0 – 105.0)
B-0941	Testosterone enanthate	250mg/mL	Genetix	No	Testosterone decanoate, Testosterone isocaproate, Testosterone phenylpropionate, Testosterone propionate	No – different PIED	Testosterone decanoate 37.7mg/mL Testosterone isocaproate 28.4mg/mL Testosterone phenylpropionate 35.2mg/mL Testosterone propionate 29.5mg/mL

B-0942	Testosterone enanthate	250mg/mL	Raptor Labs	Yes	Testosterone enanthate	No – underdosed	195.5mg/mL (±5% error = 237.5 – 262.5)
B-0943	Testosterone enanthate	250mg/mL	Genetix	No	Testosterone decanoate, Testosterone isocaproate, Testosterone phenylpropionate, Testosterone propionate	No – different PIEDs	Testosterone decanoate 35.5mg/mL Testosterone isocaproate 25.6mg/mL Testosterone phenylpropionate 36.5mg/mL Testosterone propionate 33.6mg/mL
B-0944	Testosterone enanthate	250mg/mL	Pyramid Labs	Yes	Testosterone enanthate	Yes	242.3mg/mL (±5% error = 237.5 – 262.5)
B-1017	Testosterone enanthate	250mg/mL	Platinum Labs	Yes	Testosterone enanthate	No – underdosed	211.0mg/mL (±5% error = 237.5 – 262.5)
B-1018	Testosterone enanthate	250mg/mL	Platinum Labs	Yes	Testosterone enanthate	No – underdosed	218.2mg/mL (±5% error = 237.5 – 262.5)
B-1022	Testosterone enanthate	250mg/mL	Massive Sparky	Yes	Testosterone enanthate	No – underdosed	233.0mg/mL (±5% error = 237.5 – 262.5)
B-1076	Testosterone enanthate	275mg/mL	Alpha Labs	Yes	Testosterone enanthate	No – underdosed	245.9mg/mL (±5% error = 261.3 – 288.8)
B-1084	Testosterone enanthate	250mg/mL	Anabolic Advance ments	Yes	Testosterone enanthate	No – overdosed	266.9mg/mL (±5% error = 237.5 – 262.5)
B-1144	Testosterone enanthate	250mg/mL	Eagle1	Yes	Testosterone enanthate	No – underdosed	192.9mg/mL (±5% error = 237.5 – 262.5)
B-1171	Testosterone enanthate	250mg/mL	R and D Pharma	Yes	Testosterone enanthate	Yes	254.5mg/mL (±5% error = 237.5 – 262.5)
B-1203	Testosterone enanthate	500mg/mL	Unknown Lab	Yes	Testosterone enanthate	No – underdosed	445.0mg/mL (±5% error = 475.0 – 525.0)
B-1206	Testosterone enanthate	10mg/mL	Pinman Labs	Yes	Testosterone enanthate	No – overdosed	130.4mg/mL (±5% error = 9.5 – 10.5)
B-1209	Testosterone enanthate	300mg/mL	Pinman Labs	Yes	Testosterone enanthate	Yes	288.5mg/mL (±5% error = 285.0 – 315.0)
G-0930	Testosterone enanthate	250mg/mL	Hercules Labs	No	Testosterone cypionate	No – different PIED	219.0mg/mL (±5% error = 237.5 – 262.5)
G-0975	Testosterone enanthate	250mg/mL	Hybrid Labs	Yes	Testosterone enanthate	No – underdosed	207.2mg/mL (±5% error = 237.5 – 262.5)
G-0977	Testosterone enanthate	250mg/mL	Hybrid Labs	Yes	Testosterone enanthate	No – underdosed	168.1mg/mL (±5% error = 237.5 – 262.5)

G-0978	Testosterone enanthate	250mg/mL	Hybrid Labs	Yes	Testosterone enanthate	Yes	248.0mg/mL ($\pm 5\%$ error = 237.5 – 262.5)
G-0979	Testosterone enanthate	250mg/mL	Hybrid Labs	Yes	Testosterone enanthate	No – underdosed	225.3mg/mL ($\pm 5\%$ error = 237.5 – 262.5)
G-0981	Testosterone enanthate	250mg/mL	Hybrid Labs	Yes	Testosterone enanthate	No – underdosed	210.7mg/mL ($\pm 5\%$ error = 237.5 – 262.5)
G-0993	Testosterone enanthate	250mg/mL	AKA Labs	No	Testosterone cypionate	No – different PIED	200mg/mL ($\pm 5\%$ error = 237.5 – 262.5)
G-0995	Testosterone enanthate	250mg/mL	AKA Labs	Yes	Testosterone enanthate	Yes	245.9mg/mL ($\pm 5\%$ error = 237.5 – 262.5)
G-0957	Testosterone propionate	100mg/mL	AKA Labs	Yes	Testosterone propionate	No – underdosed	78.2mg/mL ($\pm 5\%$ error = 95.0 – 105.0)
G-0999	Testosterone propionate	100mg/mL	AKA Labs	Yes	Testosterone propionate	No – underdosed	59.0mg/mL ($\pm 5\%$ error = 95.0 – 105.0)
B-1072	Trenbolone acetate	100mg/mL	Hercules Labs	Yes	Trenbolone acetate	No – underdosed	81.0mg/mL ($\pm 5\%$ error = 95.0 – 105.0)
B-1021	Trenbolone enanthate	200mg/mL	Apex Anabolics	Yes	Trenbolone enanthate	No – underdosed	183.2mg/mL ($\pm 5\%$ error = 190.0 – 210.0)
B-1071	Trenbolone enanthate	200mg/mL	Ugl Oz	No	Testosterone enanthate, Trenbolone enanthate	No – different PIED	Testosterone enanthate 89.4mg/mL ($\pm 5\%$ error = 190.0 – 210.0) Trenbolone enanthate 80.7mg/mL ($\pm 5\%$ error = 190.0 – 210.0)
B-1086	Trenbolone enanthate	200mg/mL	Anabolic Advancements	Yes	Trenbolone enanthate	No – underdosed	161.1mg/mL ($\pm 5\%$ error = 190.0 – 210.0)
G-0972	Trenbolone enanthate	200mg/mL	Hybrid Labs	Yes	Trenbolone enanthate	No – underdosed	157.8mg/mL ($\pm 5\%$ error = 190.0 – 210.0)
G-0974	Trenbolone enanthate	200mg/mL	Hybrid Labs	Yes	Trenbolone enanthate	No – underdosed	154.1mg/mL ($\pm 5\%$ error = 190.0 – 210.0)
X-0885	T3 Mix – Testosterone cypionate, Testosterone enanthate, Testosterone propionate	100mg/mL, 200mg/mL, 50mg/mL	Beligas	Yes	Testosterone cypionate, Testosterone enanthate, Testosterone propionate	Yes (Test c), Yes (Test e), No – underdosed (Test p)	Testosterone cypionate 95.9mg/mL ($\pm 5\%$ error = 95.0 – 105.0) Testosterone enanthate 190.1mg/mL ($\pm 5\%$ error = 190.0 – 210.0) Testosterone propionate 40.4mg/mL ($\pm 5\%$ error =

B-1020	Mix – Drostanolone propionate, Testosterone propionate, Trenbolone acetate	75mg/mL, 50mg/mL, 75mg/mL	Platinum Labs	Yes	Drostanolone propionate, Testosterone propionate, Trenbolone acetate	No – overdosed (Dros p), No – underdosed (Test p), No – underdosed (Tren a)	47.5 – 52.5) Drostanolone propionate 204.0mg/mL ($\pm 5\%$ error = 71.3 – 78.8), Testosterone propionate 42.5mg/mL ($\pm 5\%$ error = 47.5 – 52.5), Trenbolone acetate 52.3mg/mL ($\pm 5\%$ error = 71.3 – 78.8)
G-0961	Sustanon – Testosterone decanoate, Testosterone isocaproate, Testosterone phenylpropionate, Testosterone propionate	100mg/mL, 60mg/mL, 60mg/mL, 30mg/mL	Platinum Labs	Yes	Testosterone decanoate, Testosterone isocaproate, Testosterone phenylpropionate, Testosterone propionate	Yes (Test d), No underdosed (Test I), No – overdosed (Test ph), No – underdosed (Test p)	Testosterone decanoate 95.0mg/mL ($\pm 5\%$ error = 95.0 – 105.0) Testosterone isocaproate 54.1mg/mL ($\pm 5\%$ error = 57.0 – 63.0) Testosterone phenylpropionate 70.0mg/mL ($\pm 5\%$ error = 57.0 – 63.0) Testosterone propionate 21.4mg/mL ($\pm 5\%$ error = 28.5 – 31.5)
G-0996	Sustanon – Testosterone decanoate, Testosterone isocaproate, Testosterone phenylpropionate, Testosterone propionate	100mg/mL, 60mg/mL, 60mg/mL, 30mg/mL	AKA Labs	Yes	Testosterone decanoate, Testosterone isocaproate, Testosterone phenylpropionate, Testosterone propionate	No – underdosed (Test d), No – underdosed (Test I), Yes (Test ph), No – underdosed (Test p)	Testosterone decanoate 80.4mg/mL ($\pm 5\%$ error = 95.0 – 105.0) Testosterone isocaproate 45.3mg/mL ($\pm 5\%$ error = 57.0 – 63.0) Testosterone phenylpropionate 58.5mg/mL ($\pm 5\%$ error = 57.0 – 63.0) Testosterone propionate 14.1mg/mL ($\pm 5\%$ error = 28.5 – 31.5)
G-0997	Sustanon – Testosterone decanoate, Testosterone	100mg/mL, 60mg/mL,	AKA Labs	Yes	Testosterone decanoate, Testosterone isocaproate,	No – underdosed	Testosterone decanoate 82.1mg/mL ($\pm 5\%$ error =

	isocaproate, Testosterone phenylpropionate, Testosterone propionate	60mg/mL, 30mg/mL			Testosterone phenylpropionate, Testosterone propionate	(Test d), No – underdosed (Test I), Yes (Test ph), No – underdosed (Test p)	95.0 – 105.0) Testosterone isocaproate 47.4mg/mL (±5% error = 57.0 – 63.0) Testosterone phenylpropionate 57.1mg/mL (±5% error = 57.0 – 63.0) Testosterone propionate 17.6mg/mL (±5% error = 28.5 – 31.5)
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Tablets/Pills/Powders

Analysed samples n=31

Please note: Please note $\pm 5\%$ error is respective of expected concentration, not calculated concentration.

Please note: Many of the samples provided may not have been full tablets or capsules and the homogeneity of the provided material questionable. The detected concentrations reported are applicable only to the portion of powder provided for analysis.

Sample ID	Expected PIED	Expected concentration	Brand	Tablet, Powder, Capsule	PIED match? (Y/N)	Detected PIED	Concentration match? (Y/N)	%w/w (mg/mg)* Where expected active amount / weight of tablet (contents inside capsule)	Calculated active amount based on %w/w
Tablets									
B-1173	Anastrozole	1mg	Sandoz	Tablet	Yes	Anastrozole - confirmed via accurate mass SWGDrug 3.14	N/A – no reference material		
B-0837	Exemestane	25mg	NA	Tablet	Yes	Exemestane	No - underdosed	11.0	17.9mg ($\pm 5\%$ error =19.0 – 21.0)
B-1013	Fluoxymesterone	10mg	Ugl Oz	Tablet (partial tablet provided)	Yes	Fluoxymesterone	No - underdosed	2.6	4.1mg ($\pm 5\%$ error =9.5 – 10.5)
G-0884	Metenolone acetate	25mg	Beligas	Tablet	No	Testosterone propionate	No – different PIED	4.7	19.3mg ($\pm 5\%$ error =23.8 – 26.3)
B-1204	Metribolone	250mcg	Dragon Pharma	Tablet	Yes	Metribolone - confirmed via accurate mass Isotope model	N/A – no reference material		
X-0762	Oxandrolone	Unknown	NA	Tablet (partial tablet provided)	Yes	Oxandrolone	No dosage provided		5.9mg
X-0813	Oxandrolone	25mg	NA	Tablet	Yes	Oxandrolone	No - underdosed	11.4	17.3mg ($\pm 5\%$ error =23.8 – 26.3)
X-0822	Oxandrolone	Unknown	NA	Tablet	Yes	Oxandrolone	No dosage		6.7mg

B-0832	Oxandrolone	50mg	NA	Tablet	Yes	Oxandrolone	provided No - underdosed	25.2	32.0mg (±5% error = 47.5 – 52.5)
B-0833	Oxandrolone	5mg	NA	Tablet (partial tablet provided)	Yes	Oxandrolone	No - underdosed	2.3	4.1mg (±5% error = 4.8 – 5.3)
B-1005	Oxandrolone	10mg	Maxtreme Pharma	Tablet	Yes	Oxandrolone	No - underdosed	6.7	4.6mg (±5% error = 9.5 – 10.5)
B-1006	Oxandrolone	10mg	Maxtreme Pharma	Tablet	Yes	Oxandrolone	No - underdosed	8.8	6.0mg (±5% error = 9.5 – 10.5)
B-1012	Oxandrolone	50mg	Massive Sparky	Tablet	Yes	Oxandrolone	No - underdosed	18.3	36.2mg (±5% error = 47.5 – 52.5)
B-1172	Oxandrolone	10mg	Maxx Muscle Pharmaceuticals	Tablet	Yes	Oxandrolone	No - underdosed	1.7	5.1mg (±5% error = 9.5 – 10.5)
B-0830	Oxymetholone	50mg	NA	Tablet	Yes	Oxymetholone	No - underdosed	4.1	5.8mg (±5% error = 47.5 – 52.5)
G-0798	Oxymetholone	Unknown	NA	Tablet	Yes	Oxymetholone	No dosage provided		3.5mg
Capsules									
B-1211	Exemestane	12.5mg	Pinman Labs	Capsule	Yes	Exemestane	No - underdosed	15.1	7.3mg (±5% error = 11.9 – 13.1)
X-0846	Oxandrolone	20mg	NA	Capsule	Yes	Oxandrolone	No - underdosed	7.7	10.4mg (±5% error = 19.0 – 21.0)
X-0854	Oxandrolone	10mg	NA	Capsule	Yes	Oxandrolone	No - underdosed	3.9	4.7mg (±5% error = 9.5 – 10.5)
B-1015	Oxandrolone	10mg	Sparta	Capsule	Yes	Oxandrolone	No - underdosed	6.9	4.2mg (±5% error = 9.5 – 10.5)
B-1210	Oxandrolone	5mg	Pinman Labs	Capsule	Yes	Oxandrolone	No - underdosed	3.9	3.7mg (±5% error = 4.8 – 10.3)
G-0895	Oxandrolone	20mg	R and D Pharma	Capsule	Yes	Oxandrolone	No - underdosed	8.5	1.0mg (±5% error = 19 – 21)

G-0898	Oxandrolone	10mg	Hybrid Labs	Capsule	Yes	Oxandrolone	No - underdosed	45.5	7.3mg (±5% error = 9.5 – 10.5)
B-1014	Oxymetholone	20mg	Pinman Labs	Capsule	Yes	Oxymetholone	No - underdosed	12.8	6.9mg (±5% error = 19.0 – 21.0)
G-0896	Stanozolol	20mg	R and D Pharma	Capsule	Yes	Stanozolol	No - underdosed	3.3	0.9mg (±5% error = 19.0 – 21.0)
B-1212	Tadalafil	10mg	Pinman Labs	Capsule	Yes	Tadalafil	N/A – no reference material		
Powders									
B-0925	Clenbuterol	Unknown	NA	Powder	Yes	Clenbuterol - confirmed via accurate mass SWGDrug 3.14	N/A – no reference material		
G-0982	Methasterone	1000mg	Hybrid Labs	Powder	Yes	Methasterone	N/A – no reference material		
G-0983	Methasterone	1000mg	Hybrid Labs	Powder	Yes	Methasterone	N/A – no reference material		
X-0847	Oxymetholone	Unknown	NA	Powder	Yes	Oxymetholone	No dosage provided	36.31%	9.7mg
X-0848	Oxymetholone	Unknown	NA	Powder	Yes	Oxymetholone	No dosage provided	39.79%	6.1mg

Wave 4 Survey (Again in case you missed it)

Please assist Tim and his team with continuous data collection and evaluation for this important program of work by taking 5 minutes to complete this survey.

Link - https://griffithuw.qualtrics.com/jfe/form/SV_bOchtGSKSwVWdBs

