

World Karate Federation Anti-Doping Statistics 2019

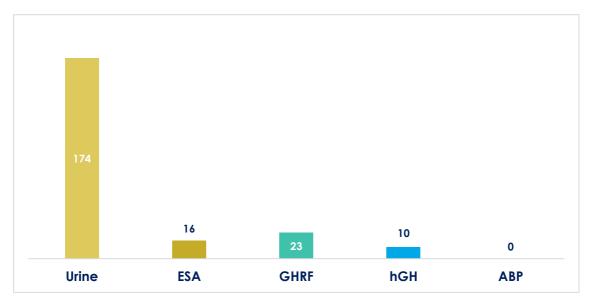


Figure 1. Number of samples collected and additional analysis conducted In Competition between 1 January and 31 December 2019 under the Testing Authority of the World Karate Federation



Figure 2. Number of samples collected and additional analysis conducted Out of Competition between 1 January and 31 December 2019 under the Testing Authority of the World Karate Federation



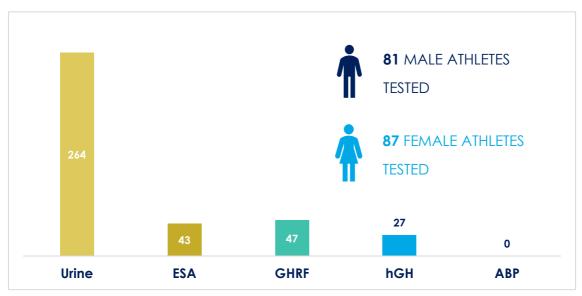


Figure 3. Summary of the World Karate Federation's anti-doping programme in 2019



Sample Type	Sport - Discipline	Gender	Sport Nationality	Test type	Lab Analysis Type
Urine	Karate - Karate	F	CRO	In Comp	
Urine	Karate - Karate	М	RUS	In Comp	
Urine	Karate - Karate	М	AFG	In Comp	
Urine	Karate - Karate	М	AFG	In Comp	
Urine	Karate - Karate	F	TPE	In Comp	
Urine	Karate - Karate	F	AFG	In Comp	
Urine	Karate - Karate	М	IRI	In Comp	
Urine	Karate - Karate	М	JPN	In Comp	
Urine	Karate - Karate	М	JPN	In Comp	
Urine	Karate - Karate	F	FRA	In Comp	
Urine	Karate - Karate	F	ESP	In Comp	
Urine	Karate - Karate	М	UKR	Out of Comp	ESAs (incl. recombinant EPOs and analogues)
Urine	Karate - Karate	F	UKR	Out of Comp	ESAs (incl. recombinant EPOs and analogues)
Urine	Karate - Karate	F	PER	In Comp	
Urine	Karate - Karate	М	DOM	In Comp	
Urine	Karate - Karate	F	MEX	In Comp	
Urine	Karate - Karate	М	BRA	In Comp	ESAs (incl. recombinant EPOs and analogues)
Urine	Karate - Karate	М	CUB	In Comp	GHRF (GHS/GHRP)
Urine	Karate - Karate	F	DOM	In Comp	
Urine	Karate - Karate	М	BRA	In Comp	GHRF (GHS/GHRP)
Urine	Karate - Karate	М	COL	In Comp	
Urine	Karate - Karate	F	VEN	In Comp	GHRF (GHS/GHRP)
Urine	Karate - Karate	М	USA	In Comp	
Urine	Karate - Karate	М	USA	In Comp	
Urine	Karate - Karate	F	PER	In Comp	ESAs (incl. recombinant EPOs and analogues)
Urine	Karate - Karate	F	USA	In Comp	
Urine	Karate - Karate	F	FRA	In Comp	
Urine	Karate - Karate	м	TUR	In Comp	
Urine	Karate - Karate	F	FRA	In Comp	ESAs (incl. recombinant EPOs and analogues)
Blood	Karate - Karate	F	FRA	In Comp	GH Isoforms
Urine	Karate - Karate	М	ITA	In Comp	ESAs (incl. recombinant EPOs and analogues)
Urine	Karate - Karate	М	FRA	In Comp	



		0.55		
	м	GER	In Comp	GHRF (GHS/GHRP); GnRH
Karate -	F	TUR	In Comp	
Karate -	F	ESP	In Comp	GHRF (GHS/GHRP); GnRH
Karate -	м	RUS	In Comp	ESAs (incl. recombinant EPOs and analogues)
Karate -	м	ESP	In Comp	
Karate -	м	RUS	In Comp	GH Isoforms
Karate -	F	ESP	In Comp	
Karate -	F	LUX	In Comp	ESAs (incl. recombinant EPOs and
Karate -	М	JPN	In Comp	analogues); GC/C/IRMS ESAs (incl. recombinant EPOs and
Karate Karate -	м	UKR	In Comp	analogues) GHRF (GHS/GHRP); GnRH
Karate -	м	EGY	In Comp	
Karate	M			
Karate				
Karate				
Karate - Karate	F	TUR	In Comp	GHRF (GHS/GHRP); GnRH
Karate - Karate	м	UKR	In Comp	
Karate -	F	TUR	In Comp	
Karate -	F	ITA	In Comp	
Karate -	F	SUI	In Comp	
Karate -	F	UKR	In Comp	ESAs (incl. recombinant EPOs and analogues)
Karate -	F	CHN	In Comp	
Karate -	м	IRI	Out of	ESAs (incl. recombinant EPOs and analogues)
Karate -	М	IRI	Out of	ESAs (incl. recombinant EPOs and
Karate -	м	IRI	Out of	analogues) ESAs (incl. recombinant EPOs and
Karate -	F	TUR	Out of	analogues) ESAs (incl. recombinant EPOs and
Karate -	F	TUR	Out of	analogues) ESAs (incl. recombinant EPOs and
Karate -	F	TUR	Out of	analogues) ESAs (incl. recombinant EPOs and
Karate Karate -	м	GEO	Comp Out of	analogues) ESAs (incl. recombinant EPOs and
Karate Karate -	M	FRA	Comp Out of	analogues) ESAs (incl. recombinant EPOs and
Karate			Comp	analogues)
Karate			Comp	analogues)
Karate			Comp	ESAs (incl. recombinant EPOs and analogues)
Karate - Karate	F	FRA	Out of Comp	ESAs (incl. recombinant EPOs and analogues)
Karate - Karate	F	FRA	Out of Comp	ESAs (incl. recombinant EPOs and analogues)
Karate -	F	FRA	Out of	ESAs (incl. recombinant EPOs and
Karate -			Comp	analogues)
	Karate Ka	KarateFKarate-FKarate-FKarate-MKarate-MKarate-MKarate-MKarate-FKarate-FKarate-FKarate-MKarate-MKarate-MKarate-MKarate-MKarate-MKarate-MKarate-MKarate-MKarate-MKarate-MKarate-MKarate-MKarate-FKarate-FKarate-FKarate-FKarate-FKarate-FKarate-FKarate-FKarate-FKarate-FKarate-MKarate-FKarate-FKarate-FKarate-FKarate-FKarate-FKarate-FKarate-FKarate-FKarate-FKarate-FKarate-FKarate-	KarateFTURKarate-FESPKarate-MRUSKarate-MRUSKarate-MESPKarate-MRUSKarate-MRUSKarate-MRUSKarate-MRUSKarate-FESPKarate-FESPKarate-FLUXKarate-MJPNKarate-MUKRKarate-MEGYKarate-MEGYKarate-MIRIKarate-MIRIKarate-FTURKarate-FTURKarate-FIURKarate-FIURKarate-FIURKarate-FIURKarate-FUKRKarate-FUKRKarate-FUKRKarate-FUKRKarate-FUKRKarate-FUKRKarate-FTURKarate-FTURKarate-FTURKarate-FTURKarate-FTURKarate-FTURKarate- <td< td=""><td>KarateFTURIn CompKarateFESPIn CompKarateARUSIn CompKarateARUSIn CompKarateARUSIn CompKarateARUSIn CompKarateARUSIn CompKarateARUSIn CompKarateFESPIn CompKarateFESPIn CompKarateFLUXIn CompKarateAJPNIn CompKarateAUKRIn CompKarateAIRIIn CompKarateAIRIIn CompKarateAIRIIn CompKarateAIRIIn CompKarateAINRIn CompKarateAINRIn CompKarateAINRIn CompKarateAINRIn CompKarateAINRIn CompKarateFTURIn CompKarateFTURIn CompKarateFINRIn CompKarateFINRIn CompKarateFINRIn CompKarateFINRIn CompKarateFINRIn CompKarateFINRIn CompKarateFINRIn CompKarateFINRIn CompKarateFINRIn Comp<!--</td--></td></td<>	KarateFTURIn CompKarateFESPIn CompKarateARUSIn CompKarateARUSIn CompKarateARUSIn CompKarateARUSIn CompKarateARUSIn CompKarateARUSIn CompKarateFESPIn CompKarateFESPIn CompKarateFLUXIn CompKarateAJPNIn CompKarateAUKRIn CompKarateAIRIIn CompKarateAIRIIn CompKarateAIRIIn CompKarateAIRIIn CompKarateAINRIn CompKarateAINRIn CompKarateAINRIn CompKarateAINRIn CompKarateAINRIn CompKarateFTURIn CompKarateFTURIn CompKarateFINRIn CompKarateFINRIn CompKarateFINRIn CompKarateFINRIn CompKarateFINRIn CompKarateFINRIn CompKarateFINRIn CompKarateFINRIn CompKarateFINRIn Comp </td



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Urine	Karate - Karate	м	AZE	Out of Comp	ESAs (incl. recombinant EPOs and analogues)
Urine	Karate -	F	GRE	Out of	ESAs (incl. recombinant EPOs and
Urine	Karate -	м	UZB	Comp Out of	analogues) ESAs (incl. recombinant EPOs and
onne	Karate	141	02D	Comp	analogues)
Urine	Karate -	М	UKR	Out of	ESAs (incl. recombinant EPOs and
	Karate	-		Comp	analogues)
Urine	Karate - Karate	F	UKR	Out of Comp	ESAs (incl. recombinant EPOs and analogues)
Urine	Karate -	F	SVK	Out of	ESAs (incl. recombinant EPOs and
	Karate		-	Comp	analogues)
Urine	Karate -	м	BRA	Out of	ESAs (incl. recombinant EPOs and
Urine	Karate -	м	EGY	Comp Out of	analogues) ESAs (incl. recombinant EPOs and
onne	Karate	141	LOT	Comp	analogues)
Urine	Karate -	F	FRA	In Comp	
Dia a al	Karate				Childrenformer
Blood	Karate - Karate	м	IRI	In Comp	GH Isoforms
Urine	Karate -	М	TUR	In Comp	
	Karate				
Blood	Karate -	м	TUR	In Comp	GH Isoforms
Urine	Karate -	м	KUW	In Comp	GHRF (GHS/GHRP); GnRH
Unite	Karate	141	NO VV	incomp	
Urine	Karate -	М	JPN	In Comp	ESAs (incl. recombinant EPOs and
Uning	Karate	F	K A 7		analogues)
Urine	Karate - Karate	F	KAZ	In Comp	GC/C/IRMS
Urine	Karate -	М	IRI	In Comp	
	Karate				
Urine	Karate -	F	JPN	In Comp	GHRF (GHS/GHRP); GnRH
Urine	Karate -	м	VEN	In Comp	
onno	Karate	141	V LI V	in comp	
Urine	Karate -	М	UZB	In Comp	
Urine	Karate -	F	TUR	In Comp	ESAs (incl. recombinant EPOs and
Unne	Karate -	Г	TUK	in Comp	ESAs (incl. recombinant EPOs and analogues)
Urine	Karate -	F	UKR	In Comp	
	Karate	_	<u></u>		
Urine	Karate - Karate	F	CHN	In Comp	
Urine	Karate -	F	VIE	Out of	
	Karate			Comp	
Urine	Karate -	м	KOS	Out of	GHRF (GHS/GHRP); ESAs (incl. recombinant
Urine	Karate Karate -	F	CHN	Comp Out of	EPOs and analogues); GnRH GHRF (GHS/GHRP)
Unite	Karate	1	CHIN	Comp	
Urine	Karate -	М	UZB	Out of	GHRF (GHS/GHRP)
Linin c	Karate			Comp	
Urine	Karate - Karate	м	IRI	Out of Comp	GHRF (GHS/GHRP)
Urine	Karate -	м	IRI	Out of	GHRF (GHS/GHRP)
	Karate			Comp	
Urine	Karate -	F	ITA	Out of	ESAs (incl. recombinant EPOs and
Urine	Karate -	F	IRI	Comp In Comp	analogues)
51110	Karate	[`		in comp	
Urine	Karate -	М	UZB	In Comp	
Linker -	Karate				
Urine	Karate - Karate	м	KAZ	In Comp	
Urine	Karate -	М	KGZ	In Comp	
	Karate				
Urine	Karate -	м	KSA	In Comp	
	Karate				



Urine	Karate - Karate	М	KSA	In Comp	
Urine	Karate - Karate	F	IRI	In Comp	
Urine	Karate - Karate	м	KUW	In Comp	
Urine	Karate - Karate	М	KAZ	In Comp	
Urine	Karate - Karate	м	JPN	In Comp	
Urine	Karate - Karate	F	UZB	In Comp	
Urine	Karate - Karate	F	KAZ	In Comp	
Urine	Karate - Karate	F	UZB	In Comp	
Urine	Karate - Karate	F	CHN	In Comp	
Urine	Karate - Karate	м	KSA	In Comp	
Urine	Karate - Karate	м	JPN	In Comp	
Urine	Karate - Karate	F	UZB	In Comp	
Urine	Karate -	F	IRI	In Comp	
Urine	Karate -	F	CHN	In Comp	
Urine	Karate -	F	JPN	In Comp	GC/C/IRMS
Urine	Karate -	F	JPN	In Comp	
Urine	Karate Karate -	м	JPN	In Comp	
Urine	Karate Karate -	м	IRI	In Comp	
Urine	Karate Karate - Karate	F	UZB	In Comp	
Urine	Karate - Karate	м	JOR	In Comp	
Urine	Karate - Karate	м	UZB	In Comp	GC/C/IRMS
Urine	Karate - Karate	м	MAS	In Comp	
Urine	Karate - Karate	м	JPN	In Comp	
Urine	Karate - Karate	F	JPN	In Comp	
Urine	Karate - Karate	F	KGZ	In Comp	
Urine	Karate - Karate	F	MAC	In Comp	
Urine	Karate - Karate	F	CHN	In Comp	GC/C/IRMS
Urine	Karate - Karate	F	INA	In Comp	
Urine	Karate - Karate	м	AZE	Out of Comp	
Urine	Karate - Karate	м	AZE	Out of Comp	GHRF (GHS/GHRP); GnRH
Urine	Karate - Karate	F	FRA	Out of Comp	GHRF (GHS/GHRP); GnRH
Blood	Karate - Karate	м	AZE	Out of Comp	GH Isoforms
Urine	Karate - Karate	F	FRA	Out of Comp	
Urine	Karate - Karate	м	FRA	Out of Comp	



Karate Karate - Karate Karate -	F	FRA	Comp	
Karate -		ГКА	Out of Comp	GH Isoforms
Karate	F	FRA	Out of Comp	
Karate - Karate	Μ	GEO	Out of Comp	GHRF (GHS/GHRP)
Karate - Karate	Μ	EGY	Out of Comp	
Karate - Karate	Μ	EGY	Out of Comp	GH Isoforms
Karate - Karate	F	FRA	Out of Comp	GH Isoforms
Karate - Karate	F	FRA	Out of Comp	
Karate - Karate	F	CHN	Out of Comp	
Karate - Karate	F	GRE	Out of Comp	GH Isoforms
Karate -	F	GRE	Out of	
Karate -	F	GER	Out of	GHRF (GHS/GHRP); GnRH
Karate -	F	UKR	Out of	GH Isoforms
Karate - Karate	F	UKR	Out of	
Karate -	М	UKR	Out of	GH Isoforms
Karate -	М	UKR	Out of	
Karate -	F	VIE	Out of	GHRF (GHS/GHRP)
Karate -	М	BRA	Out of	GH Isoforms
Karate -	М	BRA	Out of	
Karate -	М	BRA	Out of	
Karate -	F	TUR	Out of	
Karate -	F	TUR	Out of	GH Isoforms
Karate -	F	TUR	Out of	
Karate -	F	TUR	Out of	GH Isoforms
Karate -	F	TUR	Out of	
Karate -	F	TUR	Out of	GH Isoforms
Karate -	F	SVK	Out of	GH Isoforms
Karate -	F	SVK	Out of	
Karate -	Μ	AZE	In Comp	GHRF (GHS/GHRP)
Karate -	М	JPN	In Comp	
Karate -	М	GER	In Comp	
Karate -	М	JPN	In Comp	
Karate -	М	JPN	In Comp	
Karate -	F	EGY	In Comp	
	Karate- <td>Karate-MKarate-FKarate-FKarate-FKarate-FKarate-FKarate-FKarate-FKarate-FKarate-FKarate-FKarate-FKarate-FKarate-FKarate-FKarate-MKarate-MKarate-MKarate-MKarate-MKarate-MKarate-MKarate-MKarate-MKarate-FKarate-FKarate-FKarate-FKarate-FKarate-FKarate-FKarate-FKarate-FKarate-FKarate-FKarate-FKarate-FKarate-FKarate-FKarate-FKarate-FKarate-MKarate-MKarate-MKarate-MKarate-MKarate</td> <td>KarateMEGYKarate-FFRAKarate-FFRAKarate-FCHNKarate-FGREKarate-FGREKarate-FGREKarate-FGREKarate-FGREKarate-FUKRKarate-FUKRKarate-FUKRKarate-FUKRKarate-FUKRKarate-MUKRKarate-MUKRKarate-MBRAKarate-MBRAKarate-MBRAKarate-MBRAKarate-FTURKarate-FTURKarate-FTURKarate-FTURKarate-FTURKarate-FTURKarate-FTURKarate-FTURKarate-FTURKarate-FTURKarate-FTURKarate-FTURKarate-FTURKarate-FTURKarate-FTURKarate-FTURKarate-<td< td=""><td>Karate - M EGY Out of Karate - F FRA Out of Karate - F FRA Out of Karate - F FRA Out of Karate - F CHN Out of Karate - F GRE Out of Karate - F GRE Out of Karate - F GER Out of Karate - F GER Out of Karate - F UKR Out of Karate - M BRA Out of Karate <</td></td<></td>	Karate-MKarate-FKarate-FKarate-FKarate-FKarate-FKarate-FKarate-FKarate-FKarate-FKarate-FKarate-FKarate-FKarate-FKarate-FKarate-MKarate-MKarate-MKarate-MKarate-MKarate-MKarate-MKarate-MKarate-MKarate-FKarate-FKarate-FKarate-FKarate-FKarate-FKarate-FKarate-FKarate-FKarate-FKarate-FKarate-FKarate-FKarate-FKarate-FKarate-FKarate-FKarate-MKarate-MKarate-MKarate-MKarate-MKarate	KarateMEGYKarate-FFRAKarate-FFRAKarate-FCHNKarate-FGREKarate-FGREKarate-FGREKarate-FGREKarate-FGREKarate-FUKRKarate-FUKRKarate-FUKRKarate-FUKRKarate-FUKRKarate-MUKRKarate-MUKRKarate-MBRAKarate-MBRAKarate-MBRAKarate-MBRAKarate-FTURKarate-FTURKarate-FTURKarate-FTURKarate-FTURKarate-FTURKarate-FTURKarate-FTURKarate-FTURKarate-FTURKarate-FTURKarate-FTURKarate-FTURKarate-FTURKarate-FTURKarate-FTURKarate- <td< td=""><td>Karate - M EGY Out of Karate - F FRA Out of Karate - F FRA Out of Karate - F FRA Out of Karate - F CHN Out of Karate - F GRE Out of Karate - F GRE Out of Karate - F GER Out of Karate - F GER Out of Karate - F UKR Out of Karate - M BRA Out of Karate <</td></td<>	Karate - M EGY Out of Karate - F FRA Out of Karate - F FRA Out of Karate - F FRA Out of Karate - F CHN Out of Karate - F GRE Out of Karate - F GRE Out of Karate - F GER Out of Karate - F GER Out of Karate - F UKR Out of Karate - M BRA Out of Karate <



Urine	Karate -	м	JPN	In Comp	
Urine	Karate -	F			
Unne	Karate -	F	JPN	In Comp	
Urine	Karate - Karate	F	UKR	In Comp	
Urine	Karate - Karate	F	JPN	In Comp	
Urine	Karate - Karate	F	JPN	In Comp	
Urine	Karate - Karate	F	LUX	In Comp	GHRF (GHS/GHRP)
Urine	Karate - Karate	м	EGY	Out of Comp	GHRF (GHS/GHRP); GnRH
Urine	Karate - Karate	м	FRA	Out of Comp	
Urine	Karate -	F	FRA	Out of	
Urine	Karate Karate -	м	TUR	Comp In Comp	
Urine	Karate Karate -	м	KAZ	In Comp	
Urine	Karate Karate -	м	FRA	In Comp	
Urine	Karate -	м	ITA	In Comp	
	Karate				
Urine	Karate - Karate	м	FRA	In Comp	
Urine	Karate - Karate	F	BRA	In Comp	ESAs (incl. recombinant EPOs and analogues)
Urine	Karate - Karate	м	JPN	In Comp	
Urine	Karate - Karate	м	UKR	In Comp	GHRF (GHS/GHRP); GnRH
Urine	Karate - Karate	F	CAN	In Comp	
Urine	Karate - Karate	м	JPN	In Comp	ESAs (incl. recombinant EPOs and analogues)
Urine	Karate - Karate	F	GER	In Comp	ESAs (incl. recombinant EPOs and analogues)
Urine	Karate - Karate	F	BRA	In Comp	GHRF (GHS/GHRP); GnRH
Urine	Karate - Karate	F	CHN	In Comp	
Urine	Karate - Karate	F	EGY	In Comp	
Urine	Karate - Karate	F	UKR	In Comp	ESAs (incl. recombinant EPOs and analogues); GC/C/IRMS
Urine	Karate - Karate	F	JPN	In Comp	
Urine	Karate -	F	TUR	In Comp	
Urine	Karate Karate -	м	IRI	In Comp	
Urine	Karate Karate -	F	RUS	In Comp	
Urine	Karate Karate -	м	СНІ	In Comp	
Urine	Karate Karate -	м	JPN	In Comp	
Urine	Karate Karate -	м	TUR	In Comp	ESAs (incl. recombinant EPOs and
Urine	Karate Karate -	м	СНІ	In Comp	analogues)
Urine	Karate Karate -	м	JPN	In Comp	
Urine	Karate Karate -	м	VEN	In Comp	
	Karate				



Urine	Karate -	М	USA	In Comp	
Urine	Karate Karate -	м	JPN	In Comp	
Urine	Karate	F			ESAs (incl. recombinant EPOs and
Urine	Karate - Karate	F	JPN	In Comp	ESAs (incl. recombinant EPOs and analogues)
Urine	Karate - Karate	F	LUX	In Comp	
Urine	Karate - Karate	F	CHN	In Comp	GHRF (GHS/GHRP); GnRH
Urine	Karate - Karate	F	FRA	Out of Comp	
Urine	Karate - Karate	F	ITA	Out of Comp	
Urine	Karate - Karate	F	GRE	Out of	
Urine	Karate -	м	UKR	Comp Out of	
Urine	Karate Karate -	F	UKR	Comp Out of	
Urine	Karate Karate -	м	AZE	Comp In Comp	
Urine	Karate Karate -	м	GEO	In Comp	GHRF (GHS/GHRP)
Urine	Karate Karate -	F	IRI	In Comp	
Urine	Karate Karate -	м	FRA	In Comp	
Urine	Karate Karate -	м	MKD	In Comp	
Urine	Karate Karate -	м	IRI	In Comp	
Urine	Karate Karate -	F	ESP	In Comp	
Urine	Karate Karate -	м	TUR	In Comp	
Urine	Karate Karate -	F	UKR	In Comp	
Urine	Karate Karate -	F	AZE	In Comp	
Urine	Karate Karate -	F	RUS	In Comp	GHRF (GHS/GHRP)
Urine	Karate Karate -	F	IRI	In Comp	
Urine	Karate Karate -	M	BRA	Out of	GHRF (GHS/GHRP); GnRH
	Karate			Comp	
Urine	Karate - Karate	F	UKR	Out of Comp	
Blood	Karate - Karate	м	BRA	Out of Comp	GH Isoforms
Urine	Karate - Karate	м	BRA	Out of Comp	GHRF (GHS/GHRP); GnRH
Urine	Karate - Karate	м	FRA	Out of Comp	
Urine	Karate - Karate	F	FRA	Out of Comp	
Urine	Karate - Karate	F	TUR	Out of Comp	
Urine	Karate - Karate	F	TUR	Out of Comp	
Urine	Karate - Karate	F	SVK	Out of Comp	
Urine	Karate -	F	FRA	Out of	
Urine	Karate Karate -	м	USA	Comp In Comp	
Urine	Karate Karate -	F	ESP	In Comp	



Urine	Karate - Karate	М	ITA	In Comp	
Urine	Karate - Karate	F	ITA	In Comp	
Urine	Karate - Karate	М	TUR	In Comp	
Urine	Karate - Karate	F	TUR	In Comp	
Urine	Karate - Karate	М	GEO	Out of Comp	
Urine	Karate - Karate	М	JOR	In Comp	
Urine	Karate - Karate	М	JOR	In Comp	
Urine	Karate - Karate	М	POL	In Comp	
Urine	Karate - Karate	F	EGY	In Comp	
Urine	Karate - Karate	М	KAZ	In Comp	
Urine	Karate - Karate	F	MAR	In Comp	
Urine	Karate - Karate	F	EGY	In Comp	
Urine	Karate - Karate	М	EGY	In Comp	
Urine	Karate - Karate	М	EGY	In Comp	
Urine	Karate - Karate	F	SRB	In Comp	
Urine	Karate - Karate	М	MAR	In Comp	
Urine	Karate - Karate	F	AUT	In Comp	
Blood	Karate - Karate	F	KSA	In Comp	GH Isoforms
Blood	Karate - Karate	м	GRE	In Comp	GH Isoforms
Blood	Karate - Karate	м	KAZ	In Comp	GH Isoforms
Blood	Karate - Karate	М	BIH	In Comp	GH Isoforms
Blood	Karate - Karate	М	TUR	In Comp	GH Isoforms
Blood	Karate - Karate	м	MAR	In Comp	GH Isoforms
Urine	Karate - Karate	F	EGY	In Comp	GHRF (GHS/GHRP); GnRH
Urine	Karate - Karate	F	TUR	In Comp	GHRF (GHS/GHRP); GnRH
Urine	Karate - Karate	F	RUS	In Comp	GHRF (GHS/GHRP); GnRH
Urine	Karate - Karate	F	CRO	In Comp	GHRF (GHS/GHRP); GnRH
Urine	Karate - Karate	F	FRA	In Comp	GHRF (GHS/GHRP); GnRH
Urine	Karate - Karate	F	EGY	In Comp	
Urine	Karate - Karate	F	ESP	In Comp	
Urine	Karate - Karate	F	СНІ	In Comp	GHRF (GHS/GHRP); GnRH
Urine	Karate - Karate	F	AUT	In Comp	GHRF (GHS/GHRP); GnRH
Urine	Karate - Karate	М	IRI	Out of Comp	GHRF (GHS/GHRP); GnRH
Urine	Karate - Karate	М	IRI	Out of Comp	GHRF (GHS/GHRP); GnRH



Urine	Karate -	М	UZB	Out	of	
	Karate			Comp		
Urine	Karate -	F	GER	Out	of	
	Karate			Comp		
Blood	Karate -	F	GER	Out	of	GH Isoforms
	Karate			Comp		
Urine	Karate -	м	KOS	Out	of	GHRF (GHS/GHRP); GnRH
	Karate			Comp		
Urine	Karate -	F	CHN	Out	of	
	Karate			Comp		
Urine	Karate -	F	VIE	Out	of	
	Karate			Comp		
Urine	Karate -	м	AZE	Out	of	
	Karate			Comp		
Urine	Karate -	м	AZE	Out	of	
	Karate			Comp		
Urine	Karate -	м	FRA	Out	of	GHRF (GHS/GHRP); GnRH
	Karate			Comp		
Urine	Karate -	м	FRA	Out	of	GHRF (GHS/GHRP); GnRH
	Karate			Comp	-	
Urine	Karate -	F	FRA	Out	of	GHRF (GHS/GHRP); GnRH
	Karate			Comp	-	
Urine	Karate -	F	FRA	Out	of	GHRF (GHS/GHRP); GnRH
onno	Karate			Comp	01	
Urine	Karate -	F	UKR	Out	of	
onno	Karate		onn	Comp	01	
Blood	Karate -	F	UKR	Out	of	GH Isoforms
biood	Karate		OKK	Comp	01	ST ISOIOTTIS
Urine	Karate -	М	GEO	Out	of	GHRF (GHS/GHRP)
Unite	Karate	141	OLO	Comp	01	
Urine	Karate -	F	SVK	Out	of	
UIIIE	Karate -	1	JVK	Comp	01	
Blood	Karate -	F	SVK	Out	of	GH Isoforms
bioou	Karate	1	JVK	Comp	01	GITISOIOITIS
Urine	Karate -	F	UKR	Out	of	
UIIIE		Г	UNK		OI	
Dia a -l	Karate	F		Comp	° t	
Blood	Karate -	F	UKR	Out	of	GH Isoforms
	Karate		KOC	Comp		
Urine	Karate -	М	KOS	Out	of	GHRF (GHS/GHRP); GnRH
	Karate			Comp		
Urine	Karate -	М	BRA	Out	of	GHRF (GHS/GHRP); GnRH
	Karate			Comp		

Table 1. The table details the sample type collected, the sport-discipline of the athlete, gender, nationality, type of test (i.e. In Competition or Out of Competition) and the type of analysis conducted under the Testing Authority of the World Karate Federation between 1 January to 31 December 2019.