CUANTIFICACIÓN AMINOÁCIDOS EN SIM
NE:01110

		CONCENTRACION DE AMINOACIDOS EN LA DISOLUCIÓN (ppm)																		
		LISINA	HISTIDINA	ARGININA	GLICINA	SERINA	ASPARRAGINA	AC.ASPÁRTICO	ALANINA	GLUTAMINA	TREONINA	TRANS-4-HIDROXYPROLINA	AC.GLUTÁMICO	CISTEÍNA	PROLINA	VALINA	METIONINA	ISOLEUCINA	LEUCINA	FENILALANINA	TRIPTÓFANO
01110 Muestra 1 Dilx5 en H2O filtrada	API04301.D	2.8	5.6	92.6	3.4	4.3	5.4	13.9	23.8	26.3	8.1	1.2	88.8		15.9	18.1	1.9	13.8	12.8	11.6	15.0
	API04302.D	2.7	5.8	90.8	2.7	3.6	4.7	11.9	18.7	23.6	7.0	1.2	79.7		15.0	15.4	1.7	12.5	11.9	11.5	14.5
01110 Muestra 8 Dilx5 en H2O filtrada	API04401.D	0.8	3.0	33.1	1.0	1.0	1.5	2.2	6.9	7.1	2.5	0.6	22.4		6.3	6.1	0.6	4.5	4.4	4.2	4.5
	API04402.D	0.9	3.0	32.8	1.0	1.2	1.6	2.4	6.8	7.8	2.6	0.6	21.5		6.2	6.2	0.6	4.7	4.6	4.4	4.4
01110 Muestra 15 Dilx5 en H2O Filtrada	API04171.D	2.8	4.3	76.4	5.2	5.3	6.5	16.7	32.7	29.3	9.6	0.9	105.2		14.2	21.8	2.0	13.7	10.6	11.2	15.5
	API04172.D	2.8	4.2	74.3	6.4	6.2	7.1	18.3	39.4	32.0	11.3	0.9	113.3		14.5	23.8	2.1	14.3	10.8	11.2	15.6
01110 Muestra 2 Dilx5 en H2O filtrada	API04311.D	5.1	5.5	101.3	3.1	4.6	5.0	15.6	15.0	53.2	10.1	1.5	88.9		24.1	11.6	2.4	10.4	10.5	9.1	11.5
	API04312.D	4.9	4.9	96.4	3.1	4.9	5.1	16.9	15.3	55.5	9.5	1.3	92.3		24.1	11.4	2.4	10.1	8.9	9.1	12.0
01110 Muestra 9 Dilx5 en H2O filtrada	API04411.D	4.5	4.7	81.4	2.5	3.8	3.9	12.2	11.5	44.0	8.5	1.3	67.5		20.8	10.2	2.1	8.7	9.3	7.7	9.9
	API04412.D	4.5	4.8	83.8	2.4	3.6	3.8	11.6	11.0	43.8	8.2	1.3	65.4		20.2	9.6	2.0	8.7	9.1	7.8	9.7
01110 Muestra 16 Dilx5 en H2O filtrada	API04181.D	5.6	4.2	80.4	7.0	8.3	7.1	26.5	31.5	73.7	14.0	1.1	117.1		24.8	17.2	2.9	11.6	10.0	8.8	12.9
	API04182.D	5.2	4.2	78.1	6.2	7.7	7.1	25.9	28.8	71.5	13.1	1.1	114.6		25.6	16.9	2.8	11.5	9.8	8.8	12.9
01110 Muestra 3 Dilx5 en H2O filtrada	API04321.D	3.2	3.8	48.5	2.0	3.8	3.3	7.5	11.4	43.6	7.8	1.1	67.0		20.1	8.0	1.7	6.8	6.3	6.1	10.8
	API04322.D	3.2	3.7	49.1	2.2	4.0	3.4	7.8	12.2	44.8	7.9	1.1	67.7		20.6	8.4	1.7	6.9	6.4	6.1	11.1
01110 Muestra 10 Dilx5 en H2O filtrada	API04421.D	2.1	2.7	27.3	1.0	2.1	1.7	3.0	5.9	23.7	3.8	0.9	28.7		12.5	4.7	1.0	4.2	4.8	3.6	5.6
	API04422.D	2.1	2.7	27.8	1.0	2.0	1.7	2.9	5.6	23.3	3.6	0.8	27.5		12.5	4.7	1.0	4.1	4.7	3.6	5.5
	API0475.D	1.8	2.5	20.9	1.1	2.2	1.6	2.2	6.3	22.4	3.9	0.6	21.6		11.0	3.5	0.9	3.0	3.4	3.2	3.8
01110 Muestra 17 Dilx5 en H2O filtrada	API04501.D	2.4	5.6	63.8	1.4	3.0	2.9	5.9	8.0	39.4	5.7	1.4	69.8		20.5	7.9	2.4	7.8	8.6	7.0	12.4
	API04502.D	2.4	5.9	66.7	1.4	3.1	2.8	5.7	8.0	38.9	5.6	1.4	69.6		20.5	7.7	1.6	7.8	8.5	6.9	12.3
01110 Muestra 4 Dilx5 en H2O filtrada	API04331.D	2.0	2.8	32.6	2.0	4.0	3.5	7.0	11.7	47.6	6.4	0.8	74.7		20.0	7.4	1.3	5.7	5.6	5.6	15.5
	API04332.D	2.0	2.8	31.0	2.0	3.8	3.4	7.0	11.3	46.8	6.3	0.9	73.3		19.8	7.2	1.4	5.6	5.6	5.6	15.4
01110 Muestra 11 Dilx5 en H2O filtrada	API04461.D	2.1	3.3	37.8	1.4	2.9	2.9	5.6	7.8	41.4	5.0	1.0	64.7		19.0	6.5	1.2	5.3	6.4	5.6	14.7
	API04462.D	2.1	3.3	37.6	1.3	2.8	2.8	5.2	7.3	39.2	4.8	1.1	61.7		18.3	6.1	1.4	5.2	6.0	5.6	14.8
01110 Muestra 18 Dilx5 en H2O filtrada	API04541.D	0.8	2.1	12.2	0.4	1.2	1.2	1.4	2.4	15.8	2.0	0.5	23.6		7.8	2.3	0.5	1.9	2.4	2.1	5.0
	API04542.D	0.9	2.1	12.6	0.4	1.2	1.2	1.3	2.3	15.4	2.0	0.5	23.0		7.7	2.3	0.5	1.9	2.4	2.1	4.8
	API0476.D	0.8	1.9	8.9	0.6	1.4	1.2	0.9	3.7	15.2	2.5	0.4	18.1		7.1	2.0	0.5	1.5	1.9	2.0	3.2
01110 Muestra 5 Dilx5 en H2O filtrada	API04341.D	2.4	2.4	17.7	1.6	1.8	2.0	2.4	10.0	20.7	5.3	0.6	41.4		11.2	4.3	0.7	4.0	4.1	3.0	3.5
	API04342.D	2.3	2.4	18.2	1.3	1.6	1.8	2.0	8.3	18.9	4.7	0.6	38.0		10.7	3.8	0.6	3.6	3.9	2.9	3.3
	API0474.D	2.2	2.4	16.5	1.5	1.7	1.6	1.3	9.7	17.3	5.0	0.5	31.0		10.4	3.6	0.6	3.3	3.6	2.7	2.4
01110 Muestra 12 Dilx5 en H2O filtrada	API04471.D	2.8	4.4	51.2	1.9	2.3	2.8	3.9	12.5	32.7	7.2	1.2	66.8		18.9	7.5	1.0	7.5	8.7	5.8	7.7
	API04472.D	2.8	4.4	49.1	1.9	2.3	2.8	3.9	12.6	32.8	7.3	1.2	66.2		19.1	7.7	1.0	7.3	8.7	5.9	7.9
01110 Muestra 19 Dilx5 en H2O filtrada	API04551.D	3.5	6.0	63.5	2.3	2.9	3.6	5.3	15.1	38.9	8.8	1.5	87.8		27.2	9.2	1.3	8.9	10.2	7.5	10.7
	API04552.D	3.5	5.9	63.0	2.3	2.8	3.6	5.4	15.1	38.7	8.9	1.5	85.2		27.3	9.4	1.2	9.0	10.0	7.4	10.7
01110 Muestra 6 Dilx5 en H2O filtrada	API04381.D	2.7	4.8	38.2	4.7	3.9	4.0	6.7	23.3	48.8	10.3	1.0	113.0		23.4	11.5	1.2	11.2	10.9	8.0	9.7
	API04382.D	2.7	4.9	36.8	4.9	3.9	4.1	6.7	24.4	49.8	10.4	1.1	113.3		24.1	12.8	0.0	11.8	11.9	8.2	9.7
01110 Muestra 13 Dilx5 en H2O filtrada	API04481.D	1.9	3.3	23.2	2.2	2.0	2.2	3.5	11.9	28.1	5.4	0.9	67.1		15.0	7.1	0.7	7.1	8.0	5.0	5.3
	API04482.D	1.8	3.2	22.8	2.0	1.9	2.1	3.4	11.2	26.7	5.1	0.9	65.7		14.7	6.8	0.8	7.0	7.8	5.0	5.4
01110 Muestra 20 Dilx5 en H2O filtrada	API04561.D	2.5	4.5	33.6	2.8	2.6	2.8	4.8	15.0	34.4	6.8	1.1	90.6		22.1	8.9	0.9	9.5	10.1	6.7	7.9
	API04562.D	2.6	4.6	33.3	2.9	2.7	2.8	5.0	16.1	35.5	7.1	1.1	92.3		22.1	9.0	0.9	9.1	10.2	6.6	7.8
01110 Muestra 7 Dilx5 en H2O filtrada	API04391.D	1.3	3.9	43.2	1.2	2.7	2.9	7.6	10.9	33.7	5.5	0.9	45.5		9.4	9.9	2.0	5.1	5.8	8.0	31.7
	API04392.D	1.4	3.9	43.3	1.3	2.8	3.0	8.0	11.4	34.4	5.6	0.9	46.9		9.7	10.0	2.0	5.1	5.8	8.0	31.5
01110 Muestra 14 Dilx5 en H2O filtrada	API04491.D	0.6	2.4	15.5	0.2	0.8	1.1	1.5	2.2	10.7	1.6	0.5	13.7		3.8	3.0	0.7	1.6	2.1	2.9	10.4
	API04492.D	0.6	2.4	15.7	0.2	0.9	1.0	1.5	2.2	10.3	1.5	0.5	13.4		3.7	3.0	0.7	1.7	2.2	2.9	11.0
01110 Muestra 21 Dilx5 en H2O filtrada	API04571.D	1.1	4.2	53.1	0.8	2.0	2.5	6.2	6.7	28.0	3.7	1.0	44.4		9.9	7.6	1.7	4.1	4.8	7.6	32.4
	API04572.D	0.5	4.1	53.0	0.6	1.4	2.5	5.7	5.8	27.6	3.8	1.0	44.1		9.4	6.7	1.4	3.4	3.9	7.1	31.7
01110 Muestra 1B Dilx5 en H2O filtrada	API04581.D	3.0	3.2	27.7	2.0	0.7	3.9	2.6	15.9	24.0	3.8	1.2	93.4		14.6	5.5	0.6	5.1	4.3	3.5	9.1
	API04582.D	3.0	3.2	27.6	2.2	0.7	4.1	2.8	17.1	25.1	4.0	1.2	96.7		15.0	5.8	0.5	5.3	4.6	3.6	9.3
01110 Muestra 3B Dilx5 en H2O filtrada	API04631.D	2.8	3.0	24.2	2.0	0.7	3.9	2.7	16.3	23.2	3.9	1.1	90.6		14.4	5.5	0.6	4.9	4.2	3.3	8.4
	API04632.D	2.8	3.0	24.6	2.0	0.7	3.9	2.6	16.2	23.3	3.8	1.1	89.9		14.3	5.4	0.6	4.9	4.2	3.3	8.4
01110 Muestra 2B Dilx5 en H2O filtrada	API04621.D	1.9	3.1	38.1	1.5	1.1	2.4	11.6	15.7	6.1	5.5	0.7	78.4		7.6	5.1	0.8	5.8	3.7	3.2	16.9
	API04622.D	1.9	3.1	37.2	1.5	1.1	2.3	11.2	15.1	6.0	5.4	0.7	75.9		7.7	5.1	0.8	5.7	3.7	3.2	17.1
	API0477.D	1.8	2.9	30.3	2.0	1.3	2.5	11.6	19.8	5.5	6.4	0.6	72.8		7.1	4.3	0.8	4.8	2.9	3.0	13.3
01110 Muestra 4B Dilx5 en H2O filtrada	API04641.D	1.8	2.8	33.5	1.3	1.0	2.1	9.5	13.1	5.7	4.7	0.7	70.4		7.3	4.5	0.8	5.0	3.5	3.1	15.3
	API04642.D	1.8	2.8	34.6	1.2	0.9	2.0	9.1	12.5	5.6	4.5	0.7	68.3		6.9	4.3	0.7	5.0	3.3	3.1	15.0

Método:**01110-NUEVO-P2.M**

Curva Calibrado:
De 0.5 a 10 ppm (Lisina,Glicina,Serina,Asparragina,Trans-4-hidroxyprolina)
De 1 a 50 ppm(Histidina,Ac.Aspartico,Triptófano)
De 1 a 100 ppm(Arginina,Glutamina)
De 0.5 a 50 ppm(Alanina,Treonina, Prolina,Metionina,Isoleucina,Leucina)
De 10 a 100 ppm (Ac Glutámico)
De 0.5 a 100 ppm (Cisteína,Valina,Fenil Alanina)

Volumen inyección muestra diluida 5 veces y filtrada 0.22 µm : 5µl
No está valorado el efecto matriz en la muestra