



**Nombre de alumno: Heidi Isabel Trujillo
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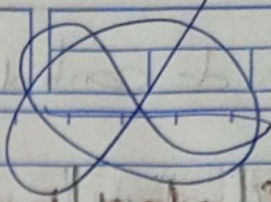
Nombre del trabajo: Carta de control X-R

Materia: Control total de calidad

Grado: 7°

**Grupo: Medicina veterinaria y
zootecnia.**

Ocosingo, Chiapas 04 de noviembre del 2024



Dias	Rutem	Nutrimin	Bovilaza	Mineral	Medica	Rengasol
1	0.167	0.102	0	-1.107	-0.2095	1.274
2	-0.633	-0.5	1	-1	-0.28325	2
3	-1.465	0.362	0.167	-0.533	-0.36725	1.827
4	-0.672	0.068	0	0.402	-0.0505	1.074
5	0.147	0.092	0.205	0.689	0.28325	0.597
6	1.016	-0.063	0.3	1.035	0.572	1.098
7	-0.108	0.8	0	-0.419	0.06825	1.219
8	0.016	0.205	0.13	-1.649	-0.3245	1.854
9	-1	0.319	-0.1	-1.544	-0.58125	1.863
10	-2.166	-0.11	1	0.134	-0.2855	3.166
11	2.058	0.179	0	1.547	0.946	2.058
12	0.4	1.021	0.013	1.341	0.69375	1.328
13	0.167	0.126	0	2.17	0.61575	2.17
14	0.8	0.004	-0.5	2.13	0.6085	2.63
15	1.762	0.12	0	-1.982	-0.025	3.744
					0.11071667	1.86013333

Carta x	Carta R	R-carta
LCL = $\bar{x} - 3\sigma$	LCL = 0	LCL = $D_3 \bar{R}$
\bar{x} -bar = 0.11071667	R-bar = 1.86013333	LCL = $0 * 1.86013333$
UCL = 1.46675387	UCL = 4.24519629	LCL = 0
\bar{x} -carta		UCL = $D_4 \bar{R}$
LCL = $\bar{x} - (A_2 \bar{R})$		UCL = $2.2822 * 1.8601333$
LCL = $0.11071667 - (0.729 * 1.86013333)$		1.8601333
		UCL = 4.24519629
UCL = $\bar{x} + (A_2 \bar{R})$		
UCL = $0.11071667 + (0.729 * 1.86013333)$		
UCL =		

