

Table of Biological Toxins

The table indicates the LD50 for some acute biological toxins, the permissible amounts of Select Toxins, and the toxins that are subject to Export Control regulations.

Toxin	LD ₅₀ (µg/kg)	Select Agent	Export Compliance
Abrin	0.7	Y (1000 mg)	Y
Aerolysin	7		
Aflatoxins			Y
B-bungarotoxin	14		
Botulinum toxins	0.0004 to 0.0025	Y (1 mg)	Y
Caeruleotoxin	53		
Cereolysin	40 to 80		
Cholera toxin	250		Y
Clostridium difficile	0.5 to 220		
Clostridium perfringens	0.1 to 1500		Y
Conotoxins	12 to 30	a-conotoxins only, (100 mg)	Y
Crotoxin	12 to 30		
Diacetoxyscripenol toxin		Y (10,000 mg)	Y
Diphtheria toxin	0.1		
HT-2 toxin	5 to 10		Y
Listeria listeriolysin or hemolysin	3 to 10		
Leukocidin	50		
Microcystin (Cyanoginosin)			Y
Modeccin toxin	1 to 10		Y
Nematocyst toxins	33 to 70		
Notexin	25		
Pertussis toxin	15		
Pneumolysin	1.5		
Pseudomonas aeruginosa exotoxin A	3		
Ricin	2.7	Y (1000 mg)	Y
Saxitoxin	8	Y (500 mg)	Y
Shiga Toxin	20		Y
Shigella dysenteriae neurotoxin	1.3		
Staphylococcal aureus toxins	2 to 25	Subtypes A-E (100 mg)	Y
Streptolysin S	25		
Taipoxin	2		
Tetanus toxin	0.001		
T-2 toxin	5 to 10	Y (10,000 mg)	Y
Tetrodotoxin	8	Y (500 mg)	Y
Verotoxin			Y
Viscum Album lectin 1 (Vixumin)	2.4 to 80		Y
Volkensin toxin	1.4		Y
Yersinia pestis murine toxin	10		