



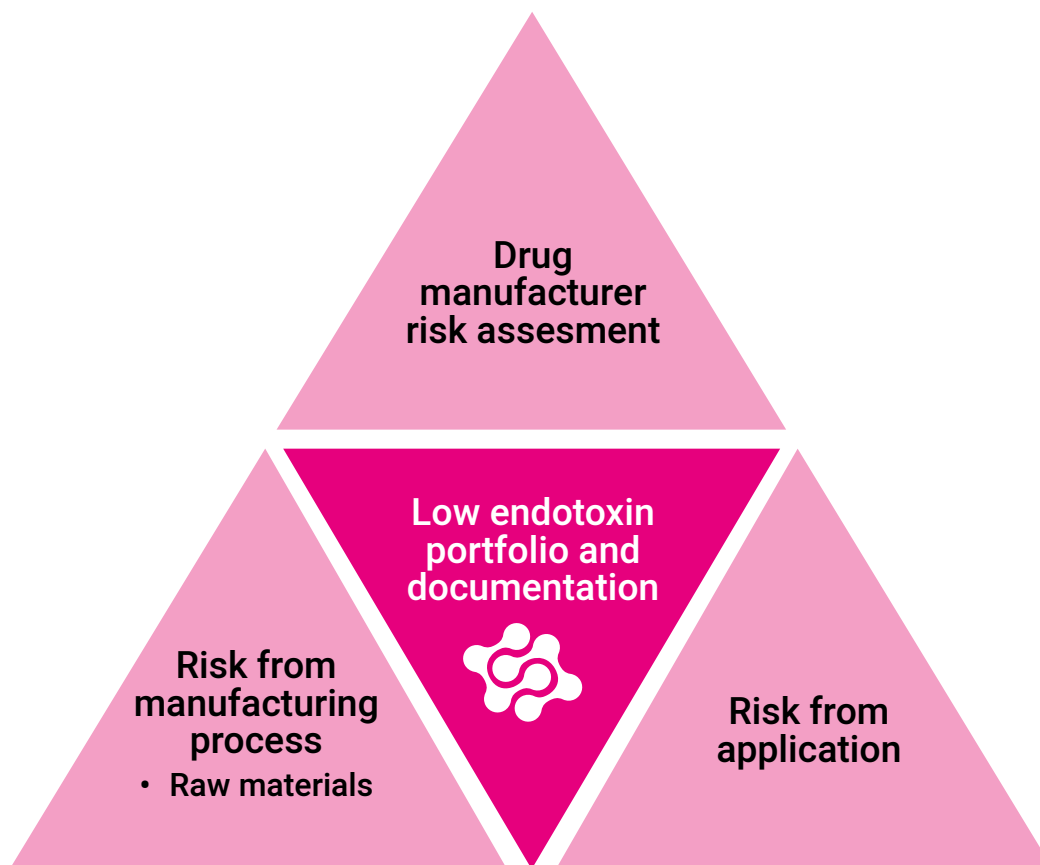
**LOW ENDOTOXIN  
RAW MATERIALS**



**PanReac**   
**AppliChem**  
ITW Reagents

ITW Reagents has been accompanying the pharmaceutical industry in the development of its products for more than 80 years. Selecting, analyzing, producing, and supplying the best raw materials for the manufacturing processes and the most suitable excipients for the final formulation.

We know how important is to stay close to our customers facing the most relevant challenges in manufacturing drugs, offering them a comprehensive portfolio of **raw materials for biopharma** application.



### Why us?

- Comprehensive portfolio for upstream, downstream and formulation
- High-quality standard
- Low endotoxin raw materials
- Regulatory documentation available
- Product traceability
- European manufacturing sites

## Our offer

Rely on our low endotoxin raw materials portfolio, a selected list of products we can offer to manage properly the risk in bioprocesses and formulation.

Product code	Product name	CAS number
637763	N-Acetyl-DL-Tryptophan (Ph. Eur, BP) low endotoxin, pharma grade	87-32-1
Z44653	L-Arginine Hydrochloride (Ph. Eur., USP) low endotoxin, pharma grade	1119-34-2
637765	L-Cystine Dihydrochloride low endotoxin, pharma grade	30925-07-6
Z4C393	Diethylenetriaminepentaacetic Acid Calcium and Trisodium Salt x-hydrate (Ph. Eur.) low endotoxin, IPEC grade	12111-24-9
Z42173	D(+)-Galactose (Ph. Eur.) low endotoxin pure, pharma grade	59-23-4
631086	Ethanol absolute (Ph. Eur, BP, USP, JP) low endotoxin, IPEC grade	64-17-5
Z46543	Guanosine low endotoxin, pure	118-00-3
636454	Sodium Caprylate (USP-NF, BP, Ph. Eur., ChP) low endotoxin, IPEC grade	1984-06-1
631659	Sodium Chloride (Ph. Eur, BP, USP) low endotoxin, IPEC grade	7647-14-5
Z41683	Sodium L-Glutamate 1-hydrate (USP-NF) low endotoxin pure, pharma grade	6106-04-3
Z92018	Sodium di-Hydrogen Phosphate anhydrous (USP) low endotoxin, pharma grade	7558-80-7
Z41678	di-Sodium Hydrogen Phosphate 12-hydrate (USP, BP, Ph. Eur.) low endotoxin pure, pharma grade	10039-32-4
631621	D(+)-Sucrose (USP-NF, BP, Ph. Eur.) low endotoxin, IPEC grade	57-50-1
633654	Tris Hydrochloride low endotoxin, pharma grade	1185-53-1
Z41940	Tris (Hydroxymethyl) Aminomethane (USP, BP, Ph. Eur.) low endotoxin pure, pharma grade	77-86-1

This is a selection of low endotoxin raw materials. If you have any other needs or requests, please contact us at [biopharma@itwreagents.com](mailto:biopharma@itwreagents.com) and we will be glad to support you.





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