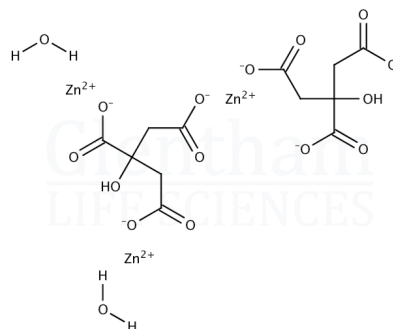


Certificate of Analysis

Product Name Zinc citrate dihydrate
Glentham Code GE1507
CAS Number 5990-32-9
EINECS 208-901-2
MDL Number MFCD00150587
Additional CAS 546-46-3 ($\cdot 3\text{H}_2\text{O}$)
Batch Number 032TAD

Molecular Weight 610.40
Molecular Formula $(\text{C}_6\text{H}_5\text{O}_7)_2\text{Zn}_3 \cdot 2\text{H}_2\text{O}$
Storage Temp. +20°C



Property	Specification	Batch 032TAD
Physical Description	White powder	White powder
Identification	A, B according to USP	Conforms
Sulphate	$\leq 0.05\%$	Conforms
Chloride	$\leq 0.05\%$	Conforms
Arsenic (As)	$\leq 3\text{ppm}$	0.2ppm
Cadmium (Cd)	$\leq 5\text{ppm}$	1ppm
Lead (Pb)	$\leq 10\text{ppm}$	1ppm
Loss on Drying	$\leq 1.0\%$	0.4%
Total Aerobic Microbial Count	$\leq 1000\text{CFU/g}$	10CFU/g
Total Yeast and Mould Count	$\leq 100\text{CFU/g}$	$\leq 10\text{CFU/g}$
E. coli	Absent	Conforms
Zinc (Zn)	$\geq 31.3\%$	31.9%
Pharmacopoeia Specification(s)	USP	Conforms

Specification Version v1.1
Manufacture Date 2024-03-01
Re-Test Date 2031-07-01

Glentham Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check www.glentham.com or contact us using the details above for the current version of this document.

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