

Product Specification

Product Name	Choline dihydrogen citrate, NF grade
Glentham Code	GV9200
CAS Number	77-91-8
EINECS	201-068-6
MDL Number	MFCD00038734
Additional CAS	62-49-7 (free base)

Molecular Weight	295.29
Molecular Formula	$C_{11}H_{21}NO_8$
Storage Temp.	+4°C

Property	Specification
Physical Description	White crystalline powder
Identification	To pass tests
pH (10% in water)	3.5 - 4.5
Melting Point	103.0 - 107.5 °C
Arsenic (As)	≤ 1ppm
Cadmium (Cd)	≤ 1ppm
Lead (Pb)	≤ 0.3ppm
Mercury (Hg)	≤ 0.1ppm
Heavy Metals	≤ 10ppm
Residue on Ignition	≤ 0.05%
Water	≤ 0.25%
Assay	≥ 98.0% (dried basis)
Particle Size	Passing through 20-mesh: 100%
Grade	NF

Specification Version	-	v1.0
Date Created	-	2023-11-01

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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