

Product Datasheet

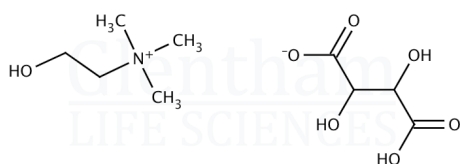
GL9811 - Choline bitartrate, USP grade

Product Details

Product Name	Choline bitartrate, USP grade
Glenthams Code	GL9811
CAS Number	87-67-2
EINECS	201-763-4
MDL-Nummer	MFCD00036332
Zusätzliche CAS	62-49-7
Related Categories	Biochemicals, Phytochemicals

Structure

Molecular Weight	: 253.25
Molecular Formula	: C ₉ H ₁₉ NO ₇



Physical Description	: White crystalline powder
Solubility (10% in water)	: Clear to slightly turbid, colourless solution
pH (10% in water)	: 3.0 - 4.0
Specific Optical Rotation ([α] _{20/D})	: +17.0 - +18.5 ° (c=10, water)
Water	: ≤ 0.5%
Residue on Ignition	: ≤ 0.1%
Choline	: 40.9 - 41.72 %
Total Amines	: ≤ 0.001%
1,4-Dioxane	: ≤ 0.001%
Arsenic (As)	: ≤ 2ppm
Lead (Pb)	: ≤ 0.3ppm
Heavy Metals	: ≤ 10ppm
Total Coliforms	: ≤ 300CFU/g
Yeast & Mould	: ≤ 100CFU/g
Total Plate Count	: ≤ 1000CFU/g
Pharmacopoeia Specification(s)	: USP
Version	: v1.0

About Choline bitartrate, USP grade

No further details on record.

Storage

Recommended storage temperature: +20°C.

Hazards and Transport

Not classified as hazardous under CLP.
Not classified as dangerous for transport.

Glenthams Product Specification

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