

Certificate of Analysis

Product Name: Sodium taurocholate
Cat #: S-121
CAS #: 145-42-6
Lot #: Lot Specific
Retest Date: Lot Specific
Storage:[†] Store desiccated at room temperature. Protect from light.

Test	Specs	Results
Color	white to off-white	white
Form	powder	powder
Color of Solution (3% in water)	colorless	colorless
Turbidity (0.3% in water)	max. 2.0 NTU	1.5 NTU
Water Content (K. Fischer)	max. 7.0%	3.1%
Purity (TLC) (50 mg in 1.5 ml water; propanol/ammonia (25%) 67:33; sulfuric acid)	min. 98 area-%	>98 area-%
TLC (50 mg in 1.5 ml water; propanol/ammonia (25%) 67:33; sulfuric acid)	corresponds to reference material	corresponds
Impurity - cholic acid sodium salt, TLC - taurodeoxycholic acid sodium salt, TLC - taurine, TLC	max. 1.0% max. 0.5% max. 1.0%	<0.4% <0.4% <0.1%
Specific Optical Rotation [alpha]D (c = 3 in water, 20°C)	20.0 to 24.0	23.9
FT-IR Spectrum	corresponds to reference spectrum	corresponds

* Gold Biotechnology, Inc. provides this Certificate of Analysis in good faith and to the best of its knowledge. It should not be substituted for the user's own raw material quality control. This material is for laboratory use only.

† Storage at listed temperature applies to retest date (if shown) or two years from purchase date. Check label for long term storage conditions, which may extend the product beyond the retest date and/or greater than two years from purchase.

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