



SPECIFICATION

Product name	Tauroursodeoxycholic Acid (TUDCA)		
CAS No.	14605-22-2	Molecular Formula	C ₂₆ H ₄₅ NO ₆ S
Molecular Weight	499.7	Ref. standard	In-house
Packaging	25KG/Drum	Origin	China
Solubility	Dissolve in methanol, in ethanol, in water. Donot dissolve in acetone.		
Compliance	Pharmacopoeia Grade		
Brief Introduction	Tauroursodeoxycholic acid (TUDCA) is a naturally occurring bile acid derivative, widely used in pharmaceutical and biochemical fields.		

Item		Specification	Method
Content			
Assay(Tauroursodeoxy cholic Acid)		≥98.0%	HPLC (CP2020-04-0512)
Other ingredients	Ursodeoxycholic Acid	≤0.5%	HPLC (CP2020-04-0512)
	Taurochenodeoxycholic Acid	≤0.5%	HPLC (CP2020-04-0512)
	Other Impurity	≤0.5%	HPLC (CP2020-04-0512)
Typical Analysis			
Appearance		White Crystal Powder	Visual
Particle Size		90% pass 80 Mesh	80 Mesh Sieve
Specifices rotation		+41 °——+47 °	CP2020-04-0621
Identification		Consistent with the standard product	Infrared(CP2020-04-0402)
Loss on Drying		≤3.0%	CP2020-04-0832-1
PH(2% solution)		7.5~8.5	CP2020-04-0631
Sulphated Ash		≤0.1%	CP2020-04-0841
*Heavy Metal			
Lead (Pb)		≤1.0ppm	GB/T 5009.12
Arsenic (As)		≤1.0ppm	GB/T 5009.11
Cadmium(Cd)		≤1.0ppm	GB/T 5009.15
Mercury (Hg)		≤0.1ppm	GB/T 5009.17
*Microorganism			
Total numbers of Colony		≤1000 cfu/g	GB/T 4789.2
Yeast&Mold		≤100 cfu/g	GB/T 4789.15
E.Coil		≤3 MPN/g	GB/T4789.38
Staphylococcus aureus		Absent/ 1 g	GB/T 4789.10
Salmonella		Absent/ 25g	GB/T 4789.4



Storage	Store in sealed containers at cool & dry place. Protect from light, moisture, and pest infestation
Shelflife	24 months if store under the conditions above and stay in original packaging.
Remark: The items with * are tested periodically.	