

**INDOFINE Chemical Company, Inc.**

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Certificate Of Analysis**06-031****URSOLIC ACID****Lot No.: 1702763**

CAS No:	77-52-1	Used part:	leaf
Plant Latin name:	Ligustrum lucidum Ait.	Chemical name:	3beta-hydroxyurs-12-en-28-oic acid

Items	Specification	Result	Method
Maker Compounds	98.00%	98.25%	By HPLC
Organoleptic			
Appearance	Fine Powder	Conforms	Visual
Color	white	Conforms	Visual
Odor	Characteristic	Conforms	Organoleptic
Taste	Characteristic	Conforms	Organoleptic
Drying Method	Vacuum drying	Conforms	
Physical Characteristics			
Particle Size	NLT100%Through80 mesh	Conforms	AOAC973.03(TQ_106)
Loss on Drying	≅ 5.0%	0.40%	TQ-104(105°C/2h)
Ash (Sulphated Ash)	≅ 5.0%	0.80%	TQ-104(525°C/3h)
Total Heavy Metals	≤10ppm	Conforms	ICP/MS AOAC 993.14
Arsenic(As)	≤1ppm	Conforms	ICP/MS AOAC 993.14
Lead(Pb)	≤1ppm	Conforms	ICP/MS AOAC 993.14
Mercury(Hg)	≤0.05ppm	Conforms	ICP/MS AOAC 993.14
Cadmium (Cd)	≤1ppm	Conforms	ICP/MS AOAC 993.14
Microbiological Tests			
Total Plate Count	≤10,000cfu/g	5000cfu/g	AOAC996. 23
Total Yeast & Mold	≤1,000cfu/g	100cfu/g	FDA(BAM) 7th Ed.
E.Coli	Negative	Negative	USP33,NF28,2010
Salmonella	Negative	Negative	USP33,NF28,2010
Staphylococcus	Negative	Negative	USP33,NF28,2010