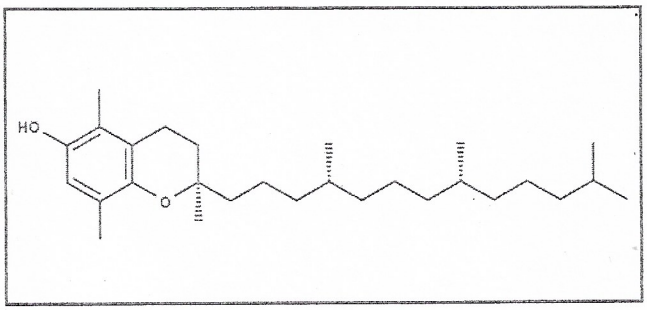
INDOFINE Chemical Company, Inc.
121 Stryker Lane, Bldg. 30
Hillsborough, NJ 08844 USA
Phone: (908) 359-6778; Fax: (908) 359-1179

Certificate Of Analysis

022961S (+)-beta-TOCOPHEROL Lot No.: 25092507

CAS RN	16698-35-4
MOL FORMULA	$C_{28}H_{48}O_2$
MOL WEIGHT	416,69

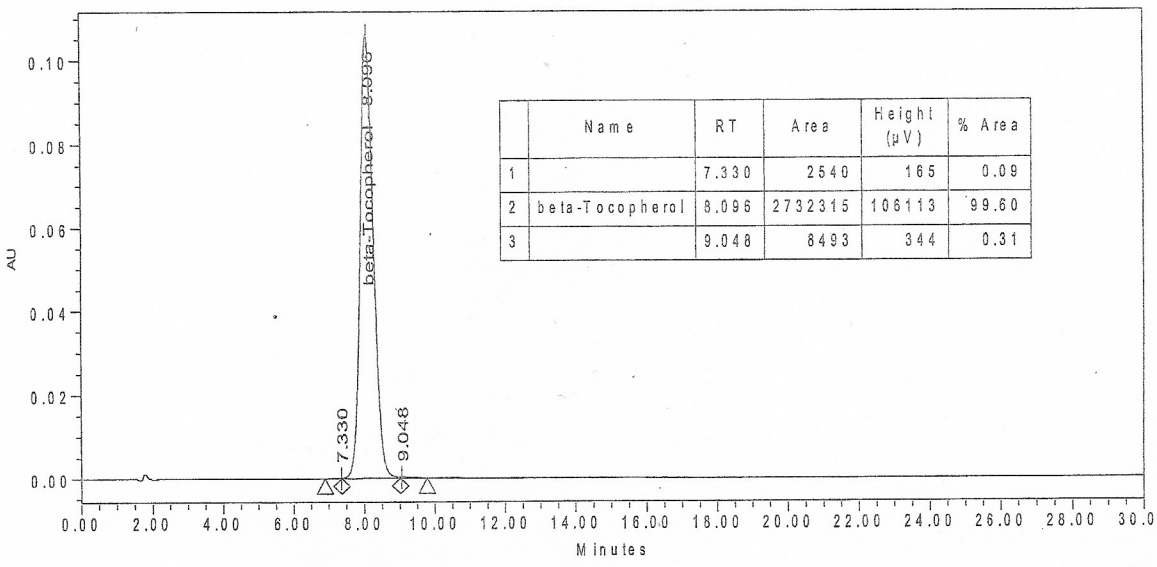


TEST	METHOD	UNIT	SPECIFICATION	RESULT
Appearance	Visual		Oil	Conform
Water content	KF	% w/w		0,4
Residual solvents	GC-HS	% w/w		0,7
Inorganics	ICP-MS	% w/w		0,3
Purity	HPLC	% area	≥ 98,0	99,6
Assay	**Calculated (*)**	**% w/w**		**98,2**

(*) Assay = Purity by HPLC x (100 - %water - %solvents - %inorganics)

CHROMATOGRAPHIC PURITY / HPLC

Column :	Cosmosil Pye - 2x100mm - 5µm	Temperature :	30°C
Mobile phase :	Water + 1% HCOOH/Methanol 10/90	Flow rate :	0,2 ml/min
Detection :	UV 290 nm	Injection volume :	2 µl
		Injection solvent:	MeOH



	Name	RT	Area	Height (µV)	% Area
1		7.330	2540	165	0.09
2	beta-Tocopherol	8.096	2732315	106113	99.60
3		9.048	8493	344	0.31

STORAGE : Below -15°C in a dry and dark place