



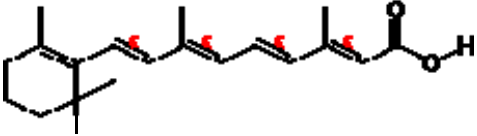
HANGZHOU DINGYAN CHEM CO.,LTD

TEL: 86-571-87157530,86465881,88025800, FAX:86-571-87156470

E-Mail:sales@dingyanchem.com,Web: www.dingyanchem.com

CERTIFICATE OF ANALYSIS

NO: **DYC081811141**

Product name	Tretinoin (USP40)
CAS Number	302-79-4
Molecule Structure	
Molecule Formula	C ₂₀ H ₂₇ O ₂
Batch number	20181103
Manuf. &Exp. Date	2018-11-03, 2021-11-02
Testing date	2018-11-03

Items	Standard	Result
Appearance	Yellow crystalline powder	Yellow crystalline powder
Assay	98.0%~102.0%(calculated on the dried basis)	99.6%
Identification	The IR absorption spectrum should correspond with reference spectrum	Correspond with reference spectrum
	Should exhibits maximum absorption at 352nm	Exhibits maximum absorption at 352nm
Loss on drying	0.5% max	0.01%
Residue on ignition	0.1% max	0.04%
Heavy metals	0.002% max	<0.002%
Limit of isotretinoin	5.0% max	0.1%
Conclusion	The products' quality complies with standard USP40.	

Hangzhou Dingyan Chem Co.,Ltd.

QUALITY CONTROL: 

CHECK: 姚仙娟

INSPECTOR: 刘清风

Add: Xiasha 571,19TH Street E-COMMERCE 4A601-602,Jiangan Area, Hangzhou, China