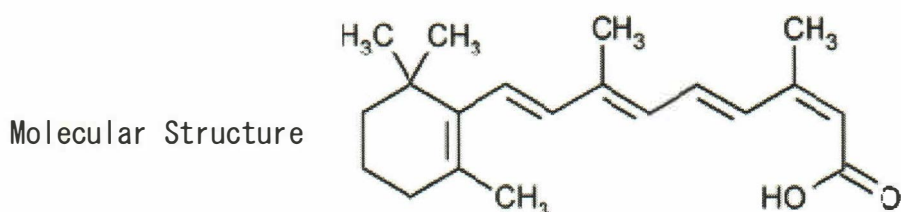




Batch no ITTN-260402
Mf date Apr 02 2026
Retest Apr 01 2028



Molecular Formula $C_{20}H_{28}O_2$
Molecular Weight 300.44
CAS Registry Number 4759-48-2

Jun 10 2026

Tests	Specifications	Results
Appearance	Yellow or orange crystalline powder	Yellow-orange crystalline powder
Solubility	Soluble in chloroform, sparingly soluble in alcohol, in isopropyl alcohol, and in polyethylene glycol 400, practically insoluble in water	Conforms
Identification	IR, UV	Positive
Related substances	Tretinoin $\leq 1.0\%$	0.09%
Heavy metals	$\leq 0.002\%$	$< 0.002\%$
Loss on drying	$\leq 0.5\%$	0.09%
Residue on ignition	$\leq 0.1\%$	0.04%
Assay (odb)	98.0 ~ 102.0% of $C_{20}H_{28}O_2$	99.8%

Conclusion	Material complies with USP43
Packaging & storage	Preserve in tight containers, protected from light
Caution	Isotretinoin is teratogenic. Avoid inhalation and skin contact

Active pharmaceutical ingredient supplied for pharmacy compounding.

