



Certificate of Analysis

Product name	Tretinoin	Manufacture date	Oct.17.2023
Batch number	SW231017	Analysis date	Oct.18.2023
Batch quantity	500kg	Expiry date	Oct.17.2025

Analysis	Specification	Result
Appearance	Yellow powder	Conforms
Identification	By IR	Conforms
	By HPLC	Conforms
Solubility	Soluble in DMF, sparingly soluble in THF, slightly soluble in methanol and acetonitrile, very slightly soluble in ethanol and dichloromethane, insoluble in water	Conforms
Melting point	211°C~216°C	212.8°C~214.9°C
Water content	≤0.5%	0.10%
Heavy metals	≤20ppm	Conforms
Residue on ignition	≤0.20%	0.09%
Related Substance	Any single impurity: ≤0.10%	0.06%
Sulfate	Total impurities: ≤1.00%	0.16%
Assay	98.0%~102.0%	99.94%
Conclusion	Conforming to Enterprise Standard	

Packing description:	Sealed export grade drum & double of sealed plastic bag
Storage:	Store in cool & dry place. keep away from strong light and heat
Shelf life:	2 years when properly stored

Quality Assurance Officer: 李强

Corrector: 佟丽华

