

Certificate Of Analysis

Product Name	Hydroxypinacolone Retinoate	Batch No.	2304051205
Sample Qty Base	350.25 KGS	MFG. Date	2024.04.05
Report Date	2024.04.06	EXP. Date	2026.04.04
CAS NO	893412-73-2	Packing	1 KG / Drum
Item	Standard		Test Results
Appearance	Yellow to orange crystalline		Complies
Solubility	Chloroform (Slightly), DMSO (Slightly)		Complies
Identification	IR: Should be consistent with that of the reference product		Complies
	HPLC: The retention time of the main peak of the test solution should be the same as that of the control solution)		Complies
Melting Point, °C	85.0 ~ 90.0		86.8 ~ 87.2
Water, %	≤ 0.50		0.38
Free Tretinoin, %	≤ 0.1		ND
Pb, ppm	≤ 10		Complies
As, ppm	≤ 2		Complies
Hg, ppm	≤ 1		Complies
Cd, ppm	≤ 5		Complies
Microorganism, cfu/g	Total bacterial	≤ 200	< 10
	Molds and Yeast Count	≤ 100	< 10
	Thermotolerant Coliforms	Negative	ND
	Staphylococcus aureus	Negative	ND
	P. Aeruginosa	Negative	ND
Purity, %	≥ 98.0		99.9
Storage	Preserve in a tightly closed container and protected from light		Complies
Conclusion	The batch conforms to the IN-HOUSE standard		

Reported By: 张丽川 Checked By: 程雪 QC Manager: 郭毅军 QA Manager: 郭毅军

