

CERTIFICATE OF ANALYSIS

Product Name	Vitamin D₃ powder	Batch kgs	2341.9kg
Batch Number	YOUTH-20240315	Issue Date	2024.03.15
MFG. Date	2024.03.15	Expiration Date	2026.03.14
Type specification	THC-VD01A (100,000IU/gCws)	Executive standard	GB 26687-2011
Report date	2024.03.18		



Item	Specification	Test result	Test Method
Visual	White to light yellow liquid powder, should not There are visible foreign impurities, no foreign bodies No odor.	Conform	GB 26687
Identify	The retention time of main peak was consistent with that of standard control products	Conform	HPLC
Mesh	100% pass 40 mesh . More than 90% passed the 80 tmesh .	100% 99.1%	GB/T 21524
Cholecalciferol content	≥100,000IU/g	113,000IU/g	HPLC
Moisture	≤5.0%	4.5%	GB 5009.3
Pb	≤2.00mg/kg	<0.05mg/kg	GB 5009.75
As	≤2.00mg/kg	0.011mg/kg	GB 5009.76
*Ca	≤1.00mg/kg	1	GB 5009.15
*Total Hg	≤0.10mg/kg	/	GB 5009.17
Total bacterial count	≤1000CFU/g	<10CFU/	GB4789.2
Molds and Yeasts	≤100CFU/g	<10CFU/g	GB 4789.15
coliform	<0.3MPN/g	<0.3MPN/g	GB 4789.3
* Escherichia coli	Not detectable	Negative	GB 4789.38
* Salmonella	Not detectable /25g	Negative	GB 4789.4
* Staphylococcus aureus	Not detectable /25g	/	GB 4789.10

Conclusion : Conform GB26687-2011

Note: 1. Recommended storage temperature below 25 ° C.

2.Items marked with * are tested every 6 months.

QC MANAGER: Feng Li

ANALYST:Guo Shan