

CERTIFICATE OF ANALYSIS

Product Name	Dry Vitamin D3 100 CWS		
CAS NO.	53850-34-3		
Specification	USP32 Monographs		
Batch Number	20230612	Manufacture Date	20230612
Report Date	20230612	Expiry Date	20250611

Test Items	Specification	Test Results
Appearance	Free-flowing beadlets	Free-flowing beadlets
Dispersibility	Cold water spread	Cold water spread
Color	White	white
Fineness(US Standard Sieves)		
-through sieve No.30	100% smaller than 30	100%
-through sieve No.40	min.90% smaller than 30	91.99%
-through sieve No.100	Max.15% smaller than 30	1.11%
Loss on drying(%)	≤8	4.4%
Untapped Density(g/mL)	0.50~0.70	0.66
Tapped Density(g/mL)	0.70~0.75	0.71
Sulfated Ash(%)	<1	0.10
PH(1% solution)	6.6~7.0	6.70
Pb(ppm)	≤10.0	<0.05
Arsenic(ppm)	≤1.0	<0.01
Vitamin D3(IU/g)	≥100,000	104,000
Total bacterial count(cfu/g)	≤1×10 ³	Conform
Coli form bacteria (MPN/100g)	≤40	Conform
Fungi and yeast(cfu/g)	≤50	Conform
Salmonella(/25g)	Negative	Conform
Conclusion	The batch tested complies with UPS32 Monographs	

Storage: Store in tight, light-resistant containers, avoid exposure to direct sunlight, moisture and excessive heat.

Shelf Life: 24 months if store under the conditions above and stay in original packaging.

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