

SHANDONG OCTAGON CHEMICALS LIMITED

CERTIFICATE OF ANALYSIS

Product name	Vitamin D3 (Cas 67-97-0)		
Batch No.	20200201	Mfg. date	2020.02.15
Rep. Date	2020.02.21	Exp. date	2023.02.14
Potency	40,000,000IU/G	Batch Quantity	14.5KG
Test Items	Standards: USP36		Results
Appearance	A white crystalline powder		conforms
Solubility	Should conform		conforms
Melting point	82~87°C		82.8°C
Identification	Should conform		Conforms
7-Dehydrocholesterol	NMT0.2%		<0.2%
Light absorption	465~495		475
Specific Rotation	Optical	+105°~112°	+106.48°
Assay (on dried basis)	97.0~103.0%		98.24%
Conclusion	It meets the requirements of USP36 Standards		
Storage	Store in a well-closed container at ambient temperature		
Prepared by: LI	Reviewed by: WEI	Released by: Zhang	