

## Certificate of Analysis

Date: 2018/11/22

Product Name: Vitamin AD3 Feed Grade  
CAS: 127-47-9,67-97-0  
Batch No.: 43423127-47-9,67-97-0  
MFG Date: 2018-11-19  
EXP Date: 2020-11-18

Items	Standard	Result
Solubility	90% min water soluble, bioavailable form of the fat soluble	Conformed
Vitamin A	1000,000 IU/KG min	Conformed
Vitamin D3	200,000 IU/KG min	Conformed
Residue on ignition	Meet the USP requirements	Conformed
Acid value	2,0 mg KOH/g max	Conformed
Peroxide value	20 meq/kg max	Conformed
Heavy metal	10 mg/kg max	Conformed
Arsenic (As)	1 mg/kg max	Conformed
Limit of Isotretinoin	5.0% max	0..31%
Organic Volatile Impurities	Meet The Requirements	Conformed
Total Plate Count	<1000cfu/g	Conformed
Yeast & Mold	<100cfu/g	Conformed
E.Coli	Negative	Conformed
Salmonella	Negative	Conformed

Conclusion: Conformed to the standard.

Inspector: Zhang Jiahui

Technical manager: Zhang Peng

