

## Certificate of Analysis

Report Date: JAN.17, 2018

<b>Name</b>	: <u>Vitamin AD<sub>3</sub> Powder</u>	<b>Quantity</b>	: <u>500KGS</u>
<b>Batch No.</b>	: <u>123-1801004</u>	<b>Type</b>	: <u>Feed Grade</u>
<b>Manu. Date</b>	: <u>JAN.16, 2018</u>	<b>Expiry Date</b>	: <u>JAN.15, 2019</u>
<b>Spec.</b>	: <u>1,000,000/200,000IU/g</u>	<b>Standard</b>	: <u>GB/T 9455-2009</u>

ITEM		SPECIFICATION	RESULT
1. Appearance		Yellow to brown particles	Complies
2. Identification: Color Reaction I Color Reaction II HPLC		Positive Positive Complies	Positive Positive Complies
3. Content	Vitamin A Acetate Content	$\geq 1,000,000\text{IU/g}$	1,026,000IU/g
	Vitamin D <sub>3</sub> Content	$\geq 200,000\text{IU/g}$	208,400IU/g
4. Heavy Metal		$\leq 10\text{ppm}$	<1ppm
5. Arsenic		$\leq 1\text{ppm}$	<1ppm
6. Loss on Drying		$\leq 5.0\%$	2.8%
7. Granularity:		$\geq 97\%$ go through the sieve of 0.6mm (US standard mesh sieve No.30)	99.0%

**Conclusion:** Conform to GB/T 9455-2009.

**Storage:** Store in the original container, protected from light, in a dry, cool (8-15°C) place.