

## SPECIFICATION **Vitamin AD3 500.000/100.000 I.U./g Feed Grade (Ethoxyquin free)**

### Description

**Ingredients** The premixture consists of Vitamin A 500.000 I.U./g (as Retinyl Acetate (3a672a)), Vitamin D<sub>3</sub> 100.000 I.U./g (3a671), gelatin, cornstarch, glucose, sodium ascorbate (1b301) as antioxidant, silicic acid precipitated and dried (E551a) as anti-caking agent

**Synonym** Vitamin A Acetate: Vitamin A, Retinyl acetate, all-(E)-retinol (all-(E)-3,7-dimethyl-9-(2,6,6-trimethylcyclohex-1-enyl)nona-2,4,6,8-tetraen-1-ol acetate

Vitamin D<sub>3</sub>: Vitamin D, Vitamin D3, Cholecalciferol, Colecalciferol

**Formula** Vitamin A Acetate: C<sub>22</sub>H<sub>32</sub>O<sub>2</sub>

Vitamin D<sub>3</sub>: C<sub>27</sub>H<sub>44</sub>O

**Product code** SLAD21

**CAS No.** Vitamin A Acetate: 127-47-9

Vitamin D<sub>3</sub>: 67-97-0

### Properties

**Shelf life** 24 months after production date

**Appearance** Free-flowing product consisting of brownish-yellow to brownish microcapsule

**Identification** Positive

**Assay** Vitamin A: ≥ 500.000 I.U./g

Vitamin D<sub>3</sub>: ≥ 100.000 I.U./g

**Loss on drying** ≤ 5,0 %

**Sieve analysis** 100 % through sieve no. 20 (US)

### Heavy metals

≤ 10 mg/Kg

**Arsenic (As)** ≤ 2 mg/Kg

**Lead (Pb)** ≤ 2 mg/Kg

**Cadmium (Cd)** ≤ 1 mg/Kg

**Mercury (Hg)** ≤ 0,1 mg/Kg

### Handling

**Usage and Dosage** as per latest version of European feedstuff law

**Stability** The biological activity of vitamin A is reduced by oxidative degradation

Storage

Sensitive to moisture, oxygen, heat and light. Store in the original unopened packing, once opened, use contents quickly. Store in shade and dry places

Classified as **hazardous goods** as per EU regulation.

## NHU EUROPE GmbH

*AD3 500-100/SLAD21/freigegeben: 050423/hky*