



青 岛 润 昌 化 工 有 限 公 司  
QINGDAO SAMIN CHEMICAL CO.,LTD.

## SPECIFICATION

|                    |                   |
|--------------------|-------------------|
| Product Name       | Vitamin D3 Powder |
| CAS No             | 67-97-0           |
| Molecular Formular | $C_{36}H_{60}O_2$ |
| Specification      | 100,000IU/g       |
| Standard           | USP36             |
| Shelf Life         | 24months          |
| Package            | 20kg/carton       |

| ITEM                                         | SPECIFICATION                                                                 |
|----------------------------------------------|-------------------------------------------------------------------------------|
| Appearance                                   | White or off-white flowing powder                                             |
| Loss on drying                               | $\leq 5.0\%$                                                                  |
| Vitamin D3 Content                           | $\geq 100,000IU/g$                                                            |
| Solubility                                   | Easily dispersed in cold water 15°C to form a homogeneous and stable emulsion |
| Granularity: go through the sieve of 60 mesh | $\geq 90.0\%$                                                                 |
| Heavy metals                                 | $\leq 10ppm$                                                                  |
| Lead                                         | $\leq 2ppm$                                                                   |
| Arsenic                                      | $\leq 1ppm$                                                                   |
| Mercury                                      | $\leq 0.1ppm$                                                                 |
| Cadmium                                      | $\leq 1ppm$                                                                   |
| <b>Microbial Limit Test</b>                  |                                                                               |
| Total Plate Count                            | $\leq 1000cfu/g$                                                              |
| Yeast & Mold                                 | $\leq 100cfu/g$                                                               |
| Coliforms                                    | $\leq 0.3MPN/g$                                                               |
| E. Coli                                      | Negative/10g                                                                  |
| Salmonella                                   | Negative/25g                                                                  |

**Storage:** Store in cool and dry place, in a well-close container, keep away from strong light and heat.

**QINGDAO SAMIN CHEMICAL CO.,LTD.**

A718 Heda Plaza, 177 Tailiu Road, Qingdao, China  
Tel: +86 532 88960696 Fax: +86 53288960698  
contact@saminchemical.com www.saminchemical.com