



## Unilong Industry Co., Ltd

Add: No.8 Bldg Shuntai, No.2000 Shunhua Rd, High-Tech Zone, Jinan City, Shandong Province, China  
Contact: +86-13356670564 Website: [www.unilongindustry.com](http://www.unilongindustry.com)

### CERTIFICATE OF ANALYSIS

<b>Product Name:</b>	Dicalcium Phosphate Dihydrate	<b>Batch No.</b>	JL20231208
<b>CAS</b>	7789-77-7	<b>MF Date</b>	Dec.10,2023
<b>Packing</b>	25kg/bag	<b>Analysis Date</b>	Dec.10,2023
<b>Quantity</b>	30Ton	<b>Retest Date</b>	Dec.09,2024
<b>Item</b>	<b>Standard</b>	<b>Result</b>	
<b>CaO%</b>	31.4~32.9	32.5	
<b>Whiteness (Wg)</b>	≥93	93.5	
<b>Particle size:through 45um %</b>	≥99.0	99.3	
<b>Water Absorbition (mlH<sub>2</sub>O/20g)</b>	5.0~6.5	5.7	
<b>Apparent density (g/mL)</b>	0.80~1.00	0.91	
<b>Fluoride as F %</b>	≤0.005	<0.002	
<b>Chloride as Cl %</b>	≤0.01	<0.01	
<b>Loss on ignition %</b>	25.0~26.5	25.86	
<b>PH (20% solution)</b>	6.8~8.1	7.3	
<b>Stability</b>	Passes test	Passes test	
<b>Carbonate</b>	Passes test	Passes test	
<b>Sulfides</b>	Passes test	Passes test	

<b>Iron (Fe) %</b>	≤0.01	<0.005
<b>Matter Insoluble in Acid %</b>	≤0.2	0.04
<b>Fluoride Stability</b>	Passes test	Passes test
<b>Loss on drying(60°C)%</b>	≤0.6	0.2
<b>P<sub>2</sub>O<sub>5</sub>%</b>	40.7~42.5	41.5
<b>Sulphate as SO<sub>4</sub>%</b>	≤0.5	<0.05
<b>Heavy metals as Pb %</b>	≤0.002	<0.001
<b>Arsenic as As %</b>	≤0.0003	<0.0001
<b>Total aerobic count (CFU/g)</b>	≤200	<10
<b>E.coli /g</b>	Negative to test	Negative to test
<b>Staphylococcus aureus/g</b>	Negative to test	Negative to test
<b>Pseudomonas aeruginosa /g</b>	Negative to test	Negative to test
<b>Yeast &amp; mold (CFU/g)</b>	≤200	<10
<b>Conclusion</b>	Qualified	

**Analyst: Wen Qian**

**Quality Assurance Officer: Zhan Peng**