

# BaseBulk

## CERTIFICATE OF ANALYSIS

<b>Product Name:</b>	Dibasic Calcium Phosphate anhydrous, EP, USP, E341(ii)
<b>Batch Number:</b>	2231223
<b>Production Date:</b>	23.12.2023
<b>Best Before:</b>	22.12.2027
<b>Batch Quantity:</b>	3.000,000 KG
<b>Reference:</b>	24202872

### Physical & Chemical Characteristics

Analysis Item	Specification	Result
Content (in dry matter)	98.00–102.00%	98.70%
P2O5 content	50.00–52.50%	51.10%
Identity	Complies	Complies
Carbonate (CO3)	Complies	Complies
Barium (Ba)	Complies	Complies
Loss on ignition (EP)	6.60–8.50%	8.00%
Acid insolubles	≤0.20%	0.07%
Chloride	≤0.25%	<0.20%
Fluorides	≤50 ppm	22 ppm
Sulphate (SO4)	≤0.50%	<0.50%

### Heavy Metals

Analysis Item	Specification	Result
Aluminium (Al)	≤100 ppm	<100 ppm
Iron (Fe)	≤400 ppm	<400 ppm
Arsenic (As)	≤1 ppm	<1 ppm
Lead (Pb)	≤1 ppm	1 ppm
Cadmium (Cd)	≤1 ppm	1 ppm
Mercury (Hg)	≤0.1 ppm	0.1 ppm

### Microbiological Tests

Analysis Item	Specification	Result
Total plate count	≤2000 CFU/g	450 CFU/g
Mould and yeast	≤200 CFU/g	40 CFU/g