



ANHUI TIGER BIOTECH CO., LTD

CERTIFICATE OF ANALYSIS



Number: 21043

Product Name: L-ASCORBIC ACID
E300/USP42/BP2010-15MT
Delivery terms: CIF GDANSK

Specification: $\geq 99\%$

Batch Number: 210107

Production Date: JAN.7,2021

Net Weight: 25kg/Carton*600=15MT

Expiry Date: JAN.6,2024

Test According to Standard of BP2010/USP42/E300

Item	Standard Parameters	Test Results
Description:	A White or Light Yellow Crystalline Powder	Positive
Identification:	Positive	Positive
Test for ascorbic acid:	Pass	Pass
PH 2% water solution:	2.4-2.8	2.29
Melting point:	189-193°C	191.50°C
Loss on drying:	$\leq 0.4\%$	0.23%
Assay:	$\geq 99.0\%$	99.44%
Specific Optical Rotation:	+20.5°~+21.5°	+20.96°
Heavy Metal(AS PER Pb):	≤ 10 mg/kg	<10 mg/kg
Copper:	≤ 5 mg/kg	< 5 mg/kg
Iron:	≤ 2 mg/kg	<2 mg/kg
Lead:	≤ 2 mg/kg	<2 mg/kg
As Element:	≤ 3 mg/kg	<3 mg/kg
Hg:	≤ 1 mg/kg	<1 mg/kg
Sulphated Ash:	$\leq 0.1\%$	0.06%

Conclusion: **UP TO STANDARD**

CONTAINER NUMBER: EMCU3968528