

# POLSKIE CENTRUM BADAŃ I CERTYFIKACJI S.A.

02-699 Warszawa, ul. Kłobucka 23A



## CERTIFICATE No. Q/2/18/BS

entitling to mark the product with quality mark Q

Name and address of certificate holder: **ZAKŁADY CHEMICZNE „Siarkopol” TARNOBRZEG Spółka z o.o.**  
ul. Chemiczna, 39-400 Tarnobrzeg

Name and address of manufacturer: **ZAKŁADY CHEMICZNE „Siarkopol” TARNOBRZEG Spółka z o.o.**  
ul. Chemiczna, 39-400 Tarnobrzeg

Name of product: **WAP MAG with microelements**

Type (variants): **Mineral fertilizer**

Basic parameters:

Total Calcium oxide (CaO):	28,0	% (m/m)
Total Magnesium oxide (MgO):	16,0	% (m/m)
Total Sulphur trioxide (SO <sub>3</sub> ), max:	10,0	% (m/m)
Total Boron (B), min.:	0,10	% (m/m)
Total Copper (Cu), min.:	0,10	% (m/m)
Total Molybdenum (Mo), min.:	0,012	% (m/m)
Total Zinc (Zn), min.:	0,10	% (m/m)
Total Cadmium (Cd), max:	14	mg/kg CaO+MgO
Total Lead (Pb), max:	550	mg/kg CaO+MgO
Loss on drying at 105°C, max.:	5	% (m/m)
Crush strenght of granules, min.:	36	N
Bulk density	1400	kg/m <sup>3</sup>
Particle size analysis		
– sifting through a sieve with a 5,0 mm mesh size, max.:	5	% (m/m)
– sifting through a sieve with a 1,0 mm mesh size, min.:	85	% (m/m)
pH of the solution of 10 g of fertilizer in 100 ml of water, min.:	8,5	

Product meets requirements specified in: Group criteria for quality mark “Q” No. 01/BS/PCBC/17 and Manufacturer’s Declaration of 16.03.2018

According to the report from tests performed by: Fertilizer and Chemical Product Laboratory, Testing and Certification Branch Office in Piła, PCBC

Number and date of test report: BP.PL/148/18/AS of 05.04.2018 r.

The certificate is valid from **25.06.2018** till **24.06.2021**

The certificate refers exclusively to products with identical characteristics (parameters) as specimen(s) submitted for tests and meeting requirements specified above.

Type of certification scheme - 5 (PN-EN ISO/IEC 17067)



**Michał Pachowski Ph. D.**  
President

Warsaw, 25.06.2018

Reg. No. 79/18