



April 15TH 2019

CERTIFICATE OF QUALITY

We OCP SA hereby attest that we have manufactured and produced MAP 11-52 having the following specifications:

- CHEMICAL PROPERTIES:**

<u>Element</u>	<u>Guaranteed content</u>	<u>Analysis method</u>
% P2O5 (water and citrate soluble)	52% min	Extraction: NF EN 15957 Dosage : Continuous flow spectrophotometer/NF EN 15959
Nitrogen (% N)	11% min	ISO 5314
Moisture % H2O (unground)	1,5% max	NF EN 12049

- PHYSICAL PROPERTIES:**

<u>Particle size distribution</u>	<u>Guaranteed content</u>	<u>Analysis method</u>
(1-4) mm	96% min	NF EN 12948

- OTHER ELEMENT FOR INFORMATION ONLY (NON-CONTRACTUAL):**

<u>Element</u>	<u>Average content</u>	<u>Analysis method</u>
P2O5 SE	51%	Extraction: NF EN 15958 Dosage : Continuous flow spectrophotometer /NF EN 15959
P2O5 TOTAL	52,5%	Extraction: NF EN 15956 Dosage : Continuous flow spectrophotometer /NF EN 15959
Hardness	4-5 kgf	FD CR 12333
Density	0,9-1,1	NF EN 1236/ NF EN 1237
Particle size Distribution (<1mm)	0,5%	NF EN 12948

