



## QUALITY CERTIFICATE

October 7, 2019

We, Office Chérifien des Phosphates (OCP), 2-4 rue Al Abtal, Hay Erraha, 20 200 Casablanca, Morocco - hereby attest that we have manufactured and produced NPK 15-15-15 with the following specifications:

**B/L No.** 1 dated Septembre 6, 2019

**Quantity** 10,895 MT

**Vessel Name** MACHITIS

**Load Port** Jorf Lasfar, Morocco

**Discharge port** Yuzhny, Ukraine

### 1. CHEMICAL PROPERTIES:

| <u>Element</u>                      | <u>Content</u> | <u>Tolerance</u>                                                                                | <u>Analysis method</u>                                                            |
|-------------------------------------|----------------|-------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|
| Nitrogen (%N)                       | 15%            | "- 1,1" for negative difference per element;<br>"-1, 9" on the sum of the negative differences. | ISO 5314                                                                          |
| P2O5<br>(water and citrate soluble) | 15%            |                                                                                                 | Extraction: NF EN 15957<br>Dosage : Spectrophotomètre à flux continu /NF EN 15959 |
| Potash (K2O)                        | 15%            |                                                                                                 | ISO 5318                                                                          |
| Moisture (%H2O)<br>(Unground)       | 1,5%           | 1,5% max                                                                                        | NF EN 12049                                                                       |

| <u>Element</u> | <u>Average content</u> | <u>Analysis method</u> |
|----------------|------------------------|------------------------|
| Sulfur (%S)    | 9%                     | ICP                    |

### 2. PHYSICAL PROPERTIES:

| <u>Particle size distribution</u> | <u>Content</u> | <u>Analysis method</u> |
|-----------------------------------|----------------|------------------------|
| (2-4) mm                          | 90%            | NF EN 12948            |

\*Above specifications are given on an indicative basis only

