



# VERIFICATION STATEMENT

Statement no.: PRJN-250016-2021-SCM-CHL

## SQM Industrial S.A.

### CARBON FOOTPRINT - FERTILIZER PRODUCTS

DNV Chile Spa. (DNV) was commissioned by SQM Industrial S.A. (SQM) to provide a limited assurance third-party verification for the carbon footprint for fertilizer products.

The carbon footprint was determined by SQM Industrial S.A. considering the requirements from ISO 14067:2018 and the GHG Protocol Initiative.

The calculation estimates the carbon footprint (t CO<sub>2</sub> equivalents) related to the production of a specific fertilizer product by metric ton. All emissions with GWP (Global Warming Potential) are included. The calculation includes direct and indirect emissions from all materials directly related to the production of the particular fertilizer products listed in the Annex and delivered at the harbor. Furthermore the calculation includes the estimated emissions from purchased energy and indirect emissions resulting from the production and transportation of raw materials and final products. The calculation does not include any emissions released from the application of the fertilizers.

*Scope of verification:* Verification of the input data and calculation review (i.e. activity data such as energy and raw materials) for a selected number of fertilizer products as given in the Annex.

*The verification activities included:*

- Interviews with responsible persons at the corporate level
- Remote site visit to verify the data sources of activity data and consolidation process
- Review of procedures for collection of activity data from the production sites

**Disclaimer:** DNV takes no responsibility for any changes coming into effect after the production year given in this statement. Changes comprises any changes in the production of fertilizers, changes in raw materials used, energy usage or any other changes that may influence the carbon footprint values given in this statement.

**During the verification, nothing has come to our attention that causes us to believe that the carbon footprint values given in this statement, calculated based on ISO 14067:2018 and the GHG Protocol Initiative are not fairly stated.**

Place and date: Viña del Mar, Chile, 23 August 2021

DNV Chile Spa.

Felipe Lacerda Antunes  
Lead Verifier

Thomas Andresen Gosselin  
Divisional Sustainability Manager



## ANNEX

### CARBON FOOTPRINT – SQM INDUSTRIAL S.A.

DNV has verified the carbon footprint for selected fertilizer products.

| Product type   | Data vintage | kg CO <sub>2</sub> e/kg product<br>max | kg CO <sub>2</sub> e/kg product<br>average |
|--|--------------|--|--|
| Potassium Nitrate<br>(prilled) / QROP KS®            | 2019<br>2020 | 0.77                                   | 0.68                                       |
| Potassium Nitrate<br>(crystallized) /<br>ULTRASOL K® | 2019<br>2020 | 0.64                                   | 0.55                                       |
| Sodium Nitrate<br>(prilled)                          | 2019<br>2020 | 1.18                                   | 0.75                                       |
| Sodium Nitrate<br>(crystallized)                     | 2019<br>2020 | 1.05                                   | 0.64                                       |

Latest update: Viña del Mar, Chile, 23 August 2021

DNV Chile Spa.

*Felipe Lacerda Antunes*  
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