



Version	00
Molecular weight	85.10
Quality Test / Release Date	11/02/2020
Molecular Formula	K N O <sub>2</sub>
CAS No	7758-09-0
Linear Formula	KNO <sub>2</sub>
Flash Point (°C)	

## Certificate of Analysis

This is to certify that units of the lot number below were tested and found to comply with the specifications of the grade listed. Certain data have been supplied by third parties. Acros Organics expressly disclaims all warranties, expressed or implied, including the implied warranties of merchantability and fitness for a particular purpose. Products are for research use or further manufacturing. Not for direct administration to human or animals. It is the responsibility of the purchaser, formulator or those performing further manufacturing to determine suitability based upon the intended use of the end product. Products are tested to meet the analytical requirements of the noted grade. The following information is the actual analytical results obtained.

<b>Catalog Number</b>	22270	<b>Quality Test / Release Date</b>	11/02/2020
<b>Lot Number</b>	A0424031	<b>Suggested retest date</b>	11/02/2025
<b>Description</b>	Potassium nitrite, 97%, for analysis		
<b>Country of Origin</b>	GERMANY		
<b>Declaration of Origin</b>	synthetic		

<b>BSE/TSE</b>	
<b>Chemical</b>	

Result name	Specifications	Test Value
Appearance (Color)	White to light yellow	Light yellow
Appearance (Form)	Crystals	Crystals
Titration with KMnO <sub>4</sub>	≥96.0 %	99.1 %
Arsenic (As)	≤1 ppm	≤1 ppm
Iron (Fe)	≤10 ppm	≤10 ppm
Lead (Pb)	≤10 ppm	≤4 ppm
Chloride (Cl)	≤100 ppm	≤100 ppm
Sulfate (SO <sub>4</sub> )	≤200 ppm	≤200 ppm



A handwritten signature in black ink, appearing to read "C. Wygaerts", enclosed within an oval shape.

C. Wygaerts, QA Manager

Issued: 11-03-2020

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