

## Certificate of Analysis

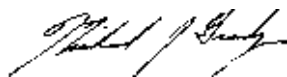
Product Name:

Potassium nitrate – 99.999% trace metals basis

**Product Number:** 542040  
**Batch Number:** MKBZ8552V  
**Brand:** ALDRICH  
**CAS Number:** 7757-79-1  
**MDL Number:** MFCD00011409  
**Formula:** KNO<sub>3</sub>  
**Formula Weight:** 101.10 g/mol  
**Quality Release Date:** 04 AUG 2016



Test	Specification	Result
Appearance (Color)	White	White
Appearance (Form)	Crystals	Crystals
Purity	Meets Requirements	Meets Requirements
99.999% Based On Trace Metals Analysis		
Trace Metal Analysis	≤ 15.0 ppm	10.3 ppm
Aluminum (Al)		0.9 ppm
Arsenic (As)		0.2 ppm
Lithium (Li)		5.7 ppm
Manganese (Mn)		1.1 ppm
Sodium (Na)		0.5 ppm
Rubidium (Rb)		1.5 ppm
Zinc (Zn)		0.4 ppm



Michael Grady, Manager  
 Quality Control  
 Milwaukee, WI US

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.