



**KTT**  
Kimiya Tejarat Tat co.

## POTASSIUM NITRATE

### CERTIFICATE OF ANALYSIS

<b>Manufacturing data</b>	<b>Cas NO.</b>
2021.JAN.06	7757-79-1

<i>items</i>	<i>Results</i>
Appearance	White powder
<b>NO<sub>3</sub></b>	12_13
<b>K<sub>2</sub>O</b>	45_46
<b>Cl</b>	-1%



[Kimia.chem.co](https://www.kimia.chem.co)



0902-1046648

Kappa list = 24-Nov-18 Channel list = 7-Oct-19  
 Calculated as : Oxides Spectral impurity data : CAL.209F(TeFl)  
 X-ray path = Vacuum Film type = No supporting film  
 Case number = 0 Known Area, %Rest, Diluent/Sample and Mass/Area  
 Eff.Diam = 24 mm Eff.Area = 452.2 mm<sup>2</sup>  
 Known Conc = .09 % L.O.I  
 Rest = 60.71 % NO3  
 Dil/Sample = .03 Diluent is Bee Wax White  
 Viewed mass = 18000 mg  
 Sample height = 5 mm

< means that the concentration is < 1 ppm  
 <2e means that Conc < 2 x StdErr

Z	wt%	StdErr	Z	wt%	StdErr	Z	wt%	StdErr
SumBe..F	0	0.11	29 CuO	<		51 Sb2O3	<	
11 Na2O	0.31	0.02	30 ZnO	<		52 TeO2	<	
12 MgO	<		31 Ga2O3	<		53 I	<	
13 Al2O3	<		32 GeO2	<		55 Cs2O	<	
14 SiO2	<		33 As2O3	<		56 BaO	<	
15 P2O5	<		34 SeO2	<		SumLa..Lu	0.013	0.015
16 S	<		35 Br	<		72 HfO2	<	
16 SO3	0.21	0.01	37 Rb2O	<		73 Ta2O5	<	
17 Cl	0.46	0.03	38 SrO	<		74 WO3	<	
18 Ar	<		39 Y2O3	<		75 Re	<	
19 K2O	38.2	0.2	40 ZrO2	<		76 OsO4	<	
20 CaO	0.017	0.001	41 Nb2O5	<		77 IrO2	<	
21 Sc2O3	<		42 MoO3	<		78 PtO2	<	
22 TiO2	<		44 RuO2	<		79 Au	<	
23 V2O5	<		45 Rh	<		80 Hg	<	
24 Cr2O3	<		46 PdO	<		81 Tl2O3	<	
25 MnO	0.0011	0.0001	47 Ag2O	<		82 PbO	<	
26 Fe2O3	0.0019	0.0001	48 CdO	<		83 Bi2O3	<	
27 Co3O4	<		49 In2O3	<		90 ThO2	<	
28 NiO	<		50 SnO2	<		92 U3O8	<	

----- Light Elements -----      ----- Noble Elements -----      ----- Lanthanides -----

4 BeO		44 RuO2	<	57 La2O3	<
5 B2O3		45 Rh	<	58 CeO2	<
6 CO2		46 PdO	<	59 Pr6O11	<
7 N		47 Ag2O	<	60 Nd2O3	<
8 O		75 Re	<	62 Sm2O3	<
9 F	<	76 OsO4	<	63 Eu2O3	<
		77 IrO2	<	64 Gd2O3	<
		78 PtO2	<	65 Tb4O7	<
		79 Au	<	66 Dy2O3	<
				67 Ho2O3	<
				68 Er2O3	<
				69 Tm2O3	<
				70 Yb2O3	<

