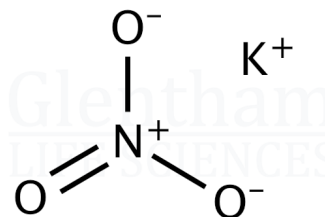


Certificate of Analysis

Product Name	Potassium nitrate, EP, USP grade
Glentham Code	GX7850
CAS Number	7757-79-1
EINECS	231-818-8
Batch Number	468TWN
Molecular Weight	101.11
Molecular Formula	KNO_3
Storage Temp.	+20°C



Property	Specification	Batch 468TWN
Physical Description	White to almost white crystalline powder or granules	Conforms
Identification	A, B according to EP	Conforms
Solubility (10% in water)	Clear, colourless solution	Clear, colourless solution
Acidity and Alkalinity	According to EP	Conforms
Reducible Substances	According to EP	Conforms
Chloride	$\leq 20\text{ppm}$	Conforms
Sulfate	$\leq 150\text{ppm}$	Conforms
Ammonium	$\leq 100\text{ppm}$	Conforms
Calcium	$\leq 100\text{ppm}$	Conforms
Iron	$\leq 10\text{ppm}$	Conforms
Sodium	$\leq 0.1\%$	0.02%
Heavy Metals (as Pb)	$\leq 10\text{ppm}$	0.4ppm
Loss on Drying	$\leq 0.5\%$	0.1%
Assay	99.0 - 101.0 %	99.6%
Pharmacopoeia Specification(s)	EP, USP	Conforms

Specification Version	v1.1
Manufacture Date	2022-10-29
Re-Test Date	2030-12-22

Glentham Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check www.glentham.com or contact us using the details above for the current version of this document.

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