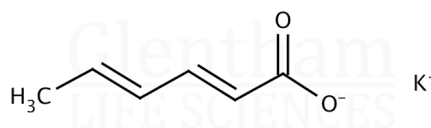


## Product Specification

Product Name	Potassium sorbate, granular, BP, Ph. Eur., USP, FCC grade
Glentham Code	GK5815
CAS Number	24634-61-5
EINECS	246-376-1
MDL Number	MFCD00016546
Additional CAS	590-00-1
Molecular Weight	150.22
Molecular Formula	$C_6H_7KO_2$
Storage Temp.	+20°C



Property	Specification
Physical Description	White or almost white granules
Identification (UV-VIS)	To pass test
Test for Potassium	To pass test
Melting Point	133.0 - 136.0 °C
Solubility (5% in water)	Clear, colourless solution
pH (10% in water)	8.5 - 10.5
Acidity or Alkalinity	To pass tests
Aldehydes	≤ 0.15%
Thermal Stability (105°C)	To pass tests
Organic Volatile Impurities	To pass all BP, Ph. Eur., USP tests
Heavy Metals (as Pb)	≤ 10ppm
Arsenic (As)	≤ 3ppm
Lead (Pb)	≤ 2ppm
Mercury (Hg)	≤ 1ppm
Cadmium (Cd)	≤ 0.1ppm
Chloride (Cl)	≤ 0.02%
Sulphate (SO <sub>4</sub> )	≤ 0.05%
Loss on Drying	≤ 1.0% (105°C)
Assay	99.0 - 101.0 % (dried substance)
Pharmacopoeia Specification(s)	BP, Ph. Eur., USP, FCC

Specification Version	-	v1.0
Date Created	-	2018-02-18

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](http://www.glentham.com) or contact us using the details above for the current version of this document.

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