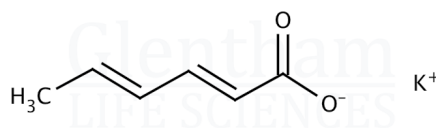


Product Specification

Product Name	Potassium sorbate, granular, BP, Ph. Eur., USP, FCC grade
Glentham Code	GK5815
CAS Number	24634-61-5
EINECS	246-376-1
Numéro MDL	MFCD00016546
CAS supplémentaire	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 ₄)	≤ 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 or contact us using the details above for the current version of this document.

This document was generated electronically and is therefore valid without signature. © Glentham Life Sciences Ltd, 2025