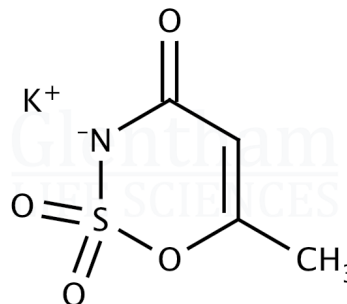


Certificate of Analysis

Product Name	Acesulfame K, BP, Ph. Eur., USP grade
Glentham Code	GW2311
CAS Number	55589-62-3
EINECS	259-715-3
MDL Number	MFCD00043833
Batch Number	140DPO
Molecular Weight	201.24
Molecular Formula	C ₄ H ₄ KNO ₄ S
Storage Temp.	+20°C



Property	Specification	Batch 140DPO
Physical Description	White crystalline powder, or colourless crystals	White crystalline powder
Identification	According to BP, Ph. Eur., USP	Conforms
Solubility (20% in water)	Clear, colourless solution	Conforms
Acidity or Alkalinity	≤ 0.2ml (0.01M HCl or 0.01M NaOH)	Conforms
Impurity A	≤ 0.125% (acetylacetamide)	Conforms
Impurity B	≤ 20ppm (5-chloro-6-methyl-1,2,3-oxathiazin-4(3H)-one 2,2-dioxide)	Conforms
Any Unspecified Impurity	≤ 0.1%	Conforms
Total Impurities	≤ 0.1%	Conforms
Organic Impurities	≤ 20ppm (USP test)	Conforms
Fluorides	≤ 3ppm	0.6ppm
Heavy Metals	≤ 5ppm	Conforms
Arsenic (As)	≤ 3ppm	0.2ppm
Lead (Pb)	≤ 1ppm	0.1ppm
Selenium (Se)	≤ 10ppm	0.1ppm
Mercury (Hg)	≤ 1ppm	Conforms
Cadmium (Cd)	≤ 1ppm	0.01ppm
Loss on Drying	≤ 1.0%	0.04%
Assay	99.0 - 101.0 % (dried substance)	99.75%
Pharmacopoeia Specification(s)	BP, Ph. Eur., USP	Conforms to BP, Ph. Eur., USP

Specification Version	v1.0
Manufacture Date	2021-06-05
Re-Test Date	2030-06-08

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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