

Product Specification

Product Name : Acesulfame K, BP, Ph. Eur., USP grade
Glentham Code : GW2311
CAS Number : 55589-62-3
EINECS : 259-715-3
MDL Number : MFCD00043833

Molecular Weight : 201.24
Molecular Formula : C₄H₄KNO₄S
Storage Temp. : +20°C

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

Specification Version : v1.0
Date Created : 2016-12-21

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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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