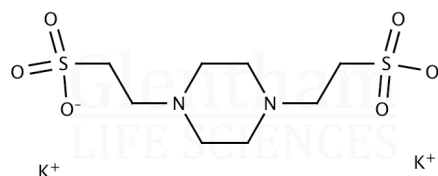


Certificate of Analysis

Product Name PIPES dipotassium salt
Glentham Code GB2841
CAS Number 108321-27-3
MDL Number MFCD00069751
PubChem SID 310279062
Batch Number 024BUW

Molecular Weight 378.55
Molecular Formula $C_8H_{16}K_2N_2O_6S_2$
Storage Temp. +20°C



Property	Specification	Batch 024BUW
Physical Description	White crystalline powder	White crystalline powder
Identification (IR)	To conform to standard	Conforms
Test for Potassium	To pass test	Conforms
Solubility (20% in water)	Clear, colourless solution	Clear, colourless solution
Heavy Metals (as Pb)	≤ 10ppm	6ppm
UV Absorbance	≤ 0.20 (30% w/v, water, 260nm)	0.189
UV Absorbance	≤ 0.15 (30% w/v, water, 290nm)	0.113
Water (KF)	≤ 8.0%	0.65%
Assay (Titration)	≥ 99.0% (anhydrous basis)	100.25%

Specification Version v1.1
Manufacture Date 2023-10-01
Re-Test Date 2031-11-21

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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