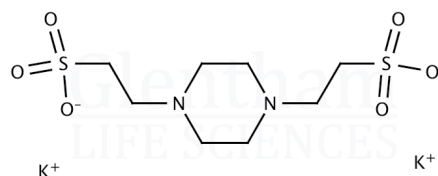


## Certificate of Analysis

|                   |                         |
|-------------------|-------------------------|
| Product Name      | PIPES dipotassium salt  |
| Glentham Code     | GB2841                  |
| CAS Number        | 108321-27-3             |
| MDL Number        | MFCD00069751            |
| PubChem SID       | 310279062               |
| Batch Number      | 395ZFR                  |
| Molecular Weight  | 378.55                  |
| Molecular Formula | $C_8H_{16}K_2N_2O_6S_2$ |
| Storage Temp.     | +20°C                   |



| Property                  | Specification                  | Batch 395ZFR               |
|---------------------------|--------------------------------|----------------------------|
| Physical Description      | White crystalline powder       | White crystalline powder   |
| Identification (IR)       | To conform to standard         | Conforms to standard       |
| Test for Potassium        | To pass test                   | Conforms                   |
| Solubility (20% in water) | Clear, colourless solution     | Clear, colourless solution |
| Heavy Metals (as Pb)      | ≤ 10ppm                        | 3ppm                       |
| UV Absorbance             | ≤ 0.20 (30% w/v, water, 260nm) | 0.20                       |
| UV Absorbance             | ≤ 0.15 (30% w/v, water, 290nm) | 0.13                       |
| Water (KF)                | ≤ 8.0%                         | 0.6%                       |
| Assay (Titration)         | ≥ 99.0% (anhydrous basis)      | 100.7%                     |

|                       |            |
|-----------------------|------------|
| Specification Version | v1.1       |
| Manufacture Date      | 2024-04-20 |
| Re-Test Date          | 2031-06-13 |

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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