

CERTIFICATE OF ANALYSIS

PRODUCT NAME: MES Monohydrate
 FORMULA: $C_6H_{13}NO_4SH_2O$
 BATCH NO. 19/MFM/2411
 CAS Number: 145224-94-8
 EXP. DATE: 28 May 2022
 STORAGE: Ambient

TESTS	SPECS	RESULTS
Appearance	White Crystalline Powder	Complies
Water Content (By KF)	8.0-8.9%	8.4
pH 1% Di H ₂ O	3.5 – 4.5 (25°C)	4.4
Solubility 0.1M water	Clear, colourless solution	Complies
Infrared	Complies	Complies
Assay (Titration, Dry Basis)	>= 99.0%	99.8%
A ₂₈₀ , 0.5M water	≤0.020	0.016
A ₂₆₀ , 0.5M water	≤0.025	0.024
Residue on ignition	≤ 0.1%	Complies
pKa 25°C	5.9 – 6.3	6.1
Heavy metals	≤ 5 ppm	Complies

* This material is supplied for Research Use only.

Supplier: Formedium Ltd

Approved by:



Date: 18 Oct 2019

For and on behalf of
 FORMEDIUM Ltd, Unit 1B
 Hunstanton Commercial Park
 PE36 5JQ England


 (Authorised Signature)