

CERTIFICATE OF ANALYSIS

PRODUCT NAME: MES Monohydrate
 CAS NO. 145224-94-8
 FORMULA: $C_6H_{13}NO_4SH_2O$
 BATCH NO. 17/MFM/2027
 CAS Number: 145224-94-8
 EXP. DATE: 15 August 2020
 STORAGE: Ambient

TESTS	SPECS	RESULTS
Description	White Crystalline Powder	Complies
Water Content (By KF)	8.0-8.9%	8.5
pH 1% Di H ₂ O	3.5 – 4.5 (25°C)	4.3
Solubility 0.1M water	Clear, colourless solution	Complies
Infrared	Complies	Complies
Assay (Titration, Dry Basis)	>= 99.0%	99.7%
A ₂₈₀ , 0.5M water	≤0.020	0.017
A ₂₆₀ , 0.5M water	≤0.025	0.023
Residue on ignition	<= 0.1%	Complies
pKa 25°C	<= 5ppm	Complies
Heavy metals	5.9 – 6.3	6.0

* This material is supplied for laboratory use only.

Supplier: Formedium Ltd

Approved by: *[Signature]*
 For and on behalf of
 FORMEDIUM Ltd, Unit 1B
 Hunstanton Commercial Park
 PE36 5JQ England

Date: 21/01/2017

[Signature]
 (Authorised Signature)