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## Specification Sheet

Product Name: **MES monohydrate**  
Specifications & Purity: **≥99% (T)**  
SKU #: **M105074**

Parameter	Limit Values
UV Absorbance 260nm	0-0.05
Water by Karl Fischer(theory, monohydrate)	8-9 (%)
PH(25 °C, 0.5 M in Water)	2.5-4
Ignition Residue (900 °C) (as SO42-)	0-0.05 (%)
UV Absorbance 280nm	0-0.02
Purity (Titration by NaOH)	98.5-101.5 (%)
Appearance (M105074)	White Powder or Crystals
Infrared spectrum	Conforms to Structure
Solubility in H2O , clear, colorless,1.066g in 10 ml H2O λ,0.5 M in H2O	pass Pass

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