



Specification

HEPPS

CAS Number: 16052-06-5
Molecular Formula: C₉H₂₀N₂O₄S
Molecular Weight: 252.3
Storage: 15-30°C

Test	Specification
Appearance:	White crystalline powder
Assay (Titration, dried basis):	≥ 98.0 %
Chloride (Cl):	≤ 0.1 %
Heavy Metals (as Pb):	≤ 1 ppm
Loss on Drying @ 105 oC, 3hrs:	≤ 2.0 %
pH (1% aqueous @ 25 oC):	9.4 - 11.0
pKa @ 20°C:	7.45 - 7.65
Solubility (1M Solution in H ₂ O):	Clear, complete and colorless
UV Absorbance @ 250nm 1M:	≤ 1.0

Approved:

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