



## CERTIFICATE OF ANALYSIS

Product	ACES
Grade	HIGH PURITY GRADE
Product Code	D0004
Formula	C <sub>4</sub> H <sub>10</sub> N <sub>2</sub> O <sub>4</sub> S
MW	182.2
CAS#	7365-82-4
Lot No	

Test Items	Specifications	Results
Appearance	White crystalline powder	
Purity	≥99.0%	
Water (Karl Fisher)	≤0.5%	
Infrared	Complies	
Residue on Ignition	≤0.01%	
Solubility (5% in water)	Clear, colorless solution	
pH (1%,Water) @25C	3.6-4.4	
Solubility (0.1M in water)	Clear, colorless	
A260 (5%,Water)	≤0.100	
A280 (5%,Water)	≤0.100	
Heavy metals	≤5ppm	

Storage: Room temperature.