

## Certificate of Analysis

Product Name: Ampho99  
 CAT #: A-562  
 CAS #: 1397-89-3  
 LOT #: Lot Specific  
 Retest Date: Lot Specific  
 Storage: Store at 2-8 °C

	SPECIFICATIONS	RESULT
Appearance:	Yellow or orange, hygroscopic powder	Pass
Identification (UV):		
Absorption maxima:	362 nm, 381 nm, 405 nm	Pass
Absorption ration:	A362/A381 = 0.57 – 0.61 A381/A405 = 0.87 – 0.93	0.57 0.87
Identification (HPLC):	Positive	Conforms
Loss on Drying:	Not more than 5.0%	4.12%
Related Substances:		
Impurity A (303 nm):	Not more than 5.0%	0.02%
Any other impurity (303 nm):	Not more than 1.0%	0.11%
Impurity B (383 nm):	Not more than 4.0%	< 0.001%
Any other impurity (383 nm):	Not more than 2.0%	1.13%
Total impurity (303 nm and 383 nm):	Not more than 15.0%	4.02%
Sulphated Ash:	Not more than 3.0%	0.11%
Bacterial Endotoxins:	Not more than 1.0 IU/mg	0.5 IU/mg
Assay (on dry basis):	Not less than 750 IU/mg	1,104 IU/mg

\* Gold Biotechnology, Inc. provides this Certificate of Analysis in good faith and to the best of its knowledge. It should not be substituted for the user's own raw material quality control. This material is for laboratory use only.

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