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## Certificate of Analysis

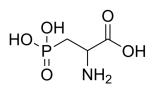
### DL-AP3

Cat. No.:	HY-100786
CAS No.:	5652-28-8
Batch No.:	275928
Chemical Name:	Alanine, 3-phosphono-

#### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	C <sub>3</sub> H <sub>8</sub> NO <sub>5</sub> P	
Molecular Weight:	169.07	
Storage:	-20°C, sealed storage, away from moisture	
	* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)	

**Chemical Structure:** 



#### **ANALYTICAL DATA**

Appearance:	White to off-white (Solid)
<sup>1</sup> H NMR Spectrum:	Consistent with structure
Purity (NMR):	≥98.0%
Conclusion:	The product has been tested and complies with the given specifications.

#### Caution: Product has not been fully validated for medical applications. For research use only.

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