

# Certificate of Analysis

## 6-Aminopenicillanic acid

### PurCert Standard

(Secondary Reference Standard)

<b>Product Number</b>	PSR40029	<b>CAS No.</b>	551-16-6
<b>Brand</b>	PureSynth	<b>Lot No.</b>	KIDNJ04T
<b>Molecular Formula</b>	C <sub>8</sub> H <sub>12</sub> N <sub>2</sub> O <sub>3</sub> S	<b>Date of Mfg.</b>	April.2022
<b>Molecular Weight</b>	216.26 g/mol	<b>Date of Exp.</b>	March.2025

Test	Specification	Result
Description	White to light yellow powder or Crystals	Pale reddish yellow powder
Assay (By HPLC)	≥ 99.8 %	100.00 %
Water (By KF)	NMT 0.5 %	0.4641 %
Identification by <sup>1</sup> H NMR	Conforms to structure	Conforms
Identification by LC-MS	Conforms to molecular mass	Conforms
Identification by IR	Conforms to structure	Conforms

**\*Traceable to USP Reference Standard 1031514, Current Lot No. R12660.**

**Storage Condition:** Store at 2-8°C

**Remark:** The batch complies with the prescribed quality of the above specification.

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*This is a computer-generated report -does not required sign*

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