



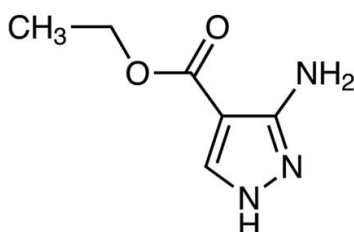
## Certificate of Analysis.

### Allopurinol EP Impurity D.

Product code:	<b>BS10316.</b>
Description:	<b>Allopurinol EP Impurity D.</b>
Chemical Name:	<b>3-Aminopyrazole-4-carboxylic Acid Ethyl Ester.</b>
Pack:	<b>100 mg.</b>
CAS NO.:	<b>6994-25-8.</b>
Mol. Weight:	<b>155.16 g/mol.</b>
Mol. Formula:	<b>C<sub>6</sub>H<sub>9</sub>N<sub>3</sub>O<sub>2</sub>.</b>
MDL Number:	<b>MFCD00005238.</b>
Melting point:	<b>102 °C.</b>
Boiling Point:	<b>278.95 °C</b>
Density:	<b>1.3092 g/cm<sup>3</sup>.</b>
Solubility:	<b>Soluble in water.</b>
Storage:	<b>Store at room temperature.</b>
Batch No:	<b>Sample.</b>
Manufacture Date:	<b>Lot specific.</b>
Expiry Date:	<b>3 years.</b>

Test	Specification	Measured Values
Appearance:	White to Light yellow to Light orange powder to crystal.	<b>Lot specific.</b>
Identification by NMR:	Confirms to the structure.	<b>Lot specific.</b>
Identification by MASS:	Confirms to the structure.	<b>Lot specific.</b>
Identification by IR:	Confirms to the structure.	<b>Lot specific.</b>
Purity by GC:	>95%.	<b>Lot specific.</b>

Please Note: - This material is only for laboratory purpose and not for human consumption. This is a computer generated COA, no stamp or signature is required.



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