



## Certificate of Analysis.

### Allopurinol EP Impurity E.

Product code:	<b>BS10317.</b>
Description:	<b>Allopurinol EP Impurity E.</b>
Chemical Name:	<b>3-(Formyl amino)-1H-pyrazole-4-carboxylic Acid Ethyl Ester.</b>
Pack:	<b>100 mg.</b>
CAS NO.:	<b>31055-19-3.</b>
Mol. Weight:	<b>183.16 g/mol.</b>
Mol. Formula:	<b>C<sub>7</sub>H<sub>9</sub>N<sub>3</sub>O<sub>3</sub>.</b>
MDL Number:	<b>MFCD21363440.</b>
Melting point:	<b>193.5 °C.</b>
Boiling Point:	<b>483.2 °C.</b>
Density:	<b>1.385 g/cm<sup>3</sup>.</b>
Solubility:	<b>Soluble in methanol and DMSO.</b>
Storage:	<b>Store at 2-8°C Refrigerator.</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 Pale Pink Solid.	<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 HPLC:	>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.

