

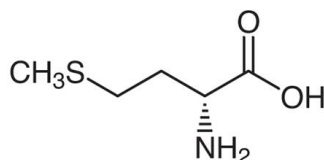
## Certificate of Analysis.

### D-Aspartic acid reference standard, Anstan<sup>®</sup>.

Product code:	<b>BS13968.</b>
Description:	<b>D-Methionine reference standard, Anstan<sup>®</sup>.</b>
Chemical Name:	<b>H-D-Met-OH.</b>
Pack:	<b>1 gm.</b>
CAS NO.:	<b>348-67-4.</b>
Mol. Weight:	<b>149.21 g/mol.</b>
Mol. Formula:	<b>C<sub>5</sub>H<sub>11</sub>NO<sub>2</sub>S.</b>
MDL Number:	<b>MFCD00002622.</b>
Melting point:	<b>273 ° C.</b>
Boiling Point:	<b>306.9 ° C.</b>
Density:	<b>1.34 g/cm<sup>3</sup>.</b>
Solubility:	<b>Soluble in water.</b>
Storage:	<b>Store at ambient temperature.</b>
LOT NO.:	<b>Sample.</b>
Manufacture Date:	<b>Lot specific.</b>
Expiry Date:	<b>5 years.</b>

Test	Specification	Measured Values
Appearance:	White to Almost white powder to crystal.	<b>Lot specific.</b>
Specific rotation:	-23.0 to -25.0 ° (C=4,HCl(1+1)).	<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>
TGA:	<5 %.	<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.



*Kd*  
**Dr. K. Deepti.**  
**Technical Head.**

