



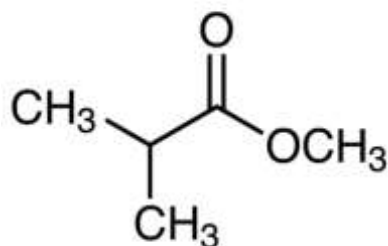
## Certificate of Analysis.

### Methyl Isobutyrate GC reference standard, AnStan<sup>®</sup>.

Product code:	<b>BS14299.</b>
Description:	<b>Methyl Isobutyrate GC reference standard, AnStan<sup>®</sup>.</b>
Chemical Name:	<b>Isobutyric Acid Methyl Ester.</b>
Pack:	<b>5 ml.</b>
CAS NO.:	<b>547-63-7.</b>
Mol. Weight:	<b>102.13 g/mol.</b>
Mol. Formula:	<b>C<sub>5</sub>H<sub>10</sub>O<sub>2</sub>.</b>
MDL Number:	<b>MFCD00008914.</b>
Melting point:	<b>-85°C</b>
Boiling Point:	<b>92°C.</b>
Density:	<b>0.891 g/ml.</b>
Solubility:	<b>Soluble in Methanol.</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:	Colorless to Almost colorless clear liquid.	<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:	>99%.	<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.




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

