

BIOCHEMICALS
BY
SORACHIM

L-Methionine
MET-34C

SPECIFICATIONS

CAS:	63-68-3
Formula:	C ₅ H ₁₁ NO ₂ S
Molecular Weight:	149.21
Purity:	> 99 %
Transmittance (T430):	> 98 %
pH:	5.6 - 6.1
Loss on drying:	< 0.2 %
Sulfates:	< 0.02 %
Chloride:	< 0.02 %
Ammonium:	< 0.02 %
Arsenic:	< 1 ppm
Heavy metals:	< 5 ppm
Iron:	< 10 ppm
Specific rotation	[α] _{20D} : +23 - +24 °
Specific rotation	[α] _{25D} : +22.4 - +24.7 °
Residue on ignition:	< 0.1 %
Foreign amino acids (TLC, 50µg):	< 0.5 %
Storage:	Room temperature
Stability	At least 2 years.