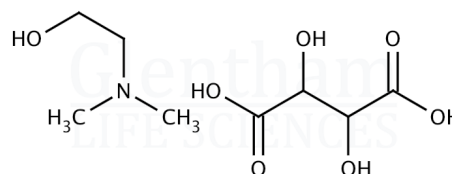


Certificate of Analysis

Product Name	2-Dimethylaminoethanol (+)-bitartrate salt
Glentham Code	GM1876
CAS Number	5988-51-2
PubChem SID	310272005
MDL Number	MFCD00066567
Batch Number	723RWD
Molecular Weight	239.22
Molecular Formula	$C_{11}H_{19}NO \cdot C_4H_6O_6$
Storage Temp.	+20°C



Property	Specification	Batch 723RWD
Physical Description	White to off-white powder or crystals	White crystals
pH (10% in water)	3.0 - 4.0	3.5
Melting Point	109.0 - 113.0 °C	112.6°C
Specific Optical Rotation	+17.0 - +19.0 ° (c=3, water)	+17.3°
Loss on Drying	≤ 0.5%	0.3%
Assay (Titration)	98.0 - 102.0 % (dried basis)	99.6%

Specification Version	v1.0
Manufacture Date	2024-02-16
Re-Test Date	2031-02-28

Glentham Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check www.glentham.com or contact us using the details above for the current version of this document.

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