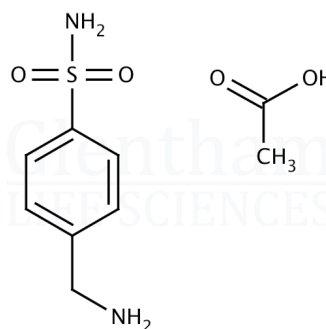


Certificate of Analysis

Product Name	Maifenamide acetate, USP grade
Glentham Code	GP9521
CAS Number	13009-99-9
MDL-Nummer	MFCD00072089
PubChem SID	310275952
Zusätzliche CAS	138-39-6 (base)
Batch Number	352BTS

Molecular Weight	246.28
Molecular Formula	C ₇ H ₁₀ N ₂ O ₂ S · C ₂ H ₄ O ₂
Storage Temp.	-20°C



Property	Specification	Batch 352BTS
Physical Description	White to off-white crystalline powder	Off-white crystalline powder
Identification	A, B according to USP	Entspricht
pH (10% in water)	6.4 - 6.8	6.61
Melting Point	162 - 171 °C (range ≤ 4°C)	166.5 - 168.0°C
Residue on Ignition	≤ 0.2%	0.09%
Selenium (Se)	≤ 30ppm	Entspricht
Heavy Metals	≤ 20ppm	Entspricht
Any Individual Impurity	≤ 0.5%	Entspricht
Total Impurities	≤ 1.0%	0.62%
Loss on Drying	≤ 1.0%	0.24%
Assay	98.0 - 102.0 % (dried basis, C ₇ H ₁₀ N ₂ O ₂ S · C ₂ H ₄ O ₂)	99.38%
Pharmacopoeia Specification(s)	USP	Entspricht

Specification Version	v1.1
Manufacture Date	2020-04-28
Re-Test Date	2028-06-16

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.

This document was generated electronically and is therefore valid without signature. © Glentham Life Sciences Ltd, 2025