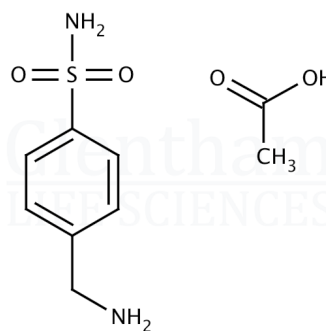


## Certificate of Analysis

Product Name	Mafenamide acetate, USP grade
Glentham Code	GP9521
CAS Number	13009-99-9
MDL Number	MFCD00072089
PubChem SID	310275952
Additional CAS	138-39-6 (base)
Batch Number	352BTS
Molecular Weight	246.28
Molecular Formula	$C_7H_{10}N_2O_2S \cdot C_2H_4O_2$
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	Conforms
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	Conforms
Heavy Metals	≤ 20ppm	Conforms
Any Individual Impurity	≤ 0.5%	Conforms
Total Impurities	≤ 1.0%	0.62%
Loss on Drying	≤ 1.0%	0.24%
Assay	98.0 - 102.0 % (dried basis, $C_7H_{10}N_2O_2S \cdot C_2H_4O_2$ )	99.38%
Pharmacopoeia Specification(s)	USP	Conforms

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](http://www.glentham.com) or contact us using the details above for the current version of this document.

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