

Certificate of Analysis

Product Name	Hydroxypropyl methylcellulose acetate succinate, USP grade (medium acetyl content)
Glentham Code	GX6619
CAS Number	71138-97-1
MDL Number	MFCD00802310
Batch Number	363NEL
Molecular Weight	286.28
Molecular Formula	$C_{10}H_{22}O_9$
Storage Temp.	+20°C

Property	Specification	Batch 363NEL
Physical Description	White to almost white granular powder	White granular powder
Identification	To conform to standard	Conforms
Residue on Ignition	≤ 0.2%	≤ 0.1%
Heavy Metals (as Pb)	≤ 10ppm	Conforms
Arsenic (As ₂ O ₃)	≤ 2ppm	2ppm
Methoxy groups	12.0 - 28.0 %	22.5%
2-Hydroxypropoxy groups	4.0 - 23.0 %	7.5%
Succinyl Content	10.0 - 14.0 %	11.5%
Acetyl Content	7.0 - 11.0 %	8.2%
Free Acid	≤ 1.0% (acetic + succinic)	0.3%
Loss on Drying	≤ 5.0%	3.2%
Viscosity	2.4 - 3.6 mPa.s	3.2mPa.s
Pharmacopoeia Specification(s)	USP grade	Conforms

Specification Version	v1.0
Manufacture Date	2024-08-20
Re-Test Date	2031-10-18

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