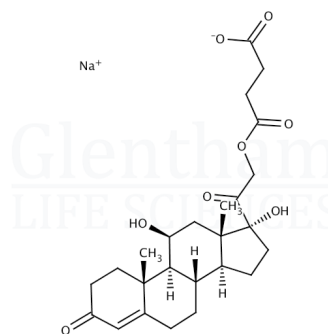


Certificate of Analysis

Product Name	Hydrocortisone 21-hemisuccinate sodium salt
Glenthams Code	GK1717
CAS Number	125-04-2
EINECS	204-725-5
MDL Number	MFCD00069472
PubChem SID	310274738
Batch Number	668LAL
Molecular Weight	484.51
Molecular Formula	$C_{25}H_{33}NaO_8$
Storage Temp.	-20°C



Property	Specification	Batch 668LAL
Physical Description	White to off-white powder	Off white powder
Specific Optical Rotation ($[\alpha]_{20/D}$)	134 - 145 ° (c=1, ethanol)	140.9°
Water (KF)	≤ 10.0%	1.2%
Sodium (Na)	≤ 5.8%	Conforms
Purity (TLC)	≥ 97%	99.3%

Specification Version	v1.0
Manufacture Date	2020-03-19
Re-Test Date	2028-04-14

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

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