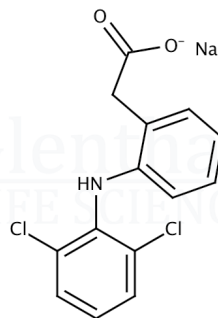


Certificate of Analysis

Product Name Diclofenac sodium salt
Glentham Code GP9539
CAS Number 15307-79-6
EINECS 239-346-4
MDL Number MFCD00082251
PubChem SID 310271535
Batch Number 646SEA

Molecular Weight 318.14
Molecular Formula $C_{14}H_{10}Cl_2NNaO_2$
Storage Temp. +20°C



Property	Specification	Batch 646SEA
Physical Description	White or slightly yellowish crystalline powder	White crystalline powder
Melting Point	approx. 280°C (decom.)	280 °C
Identification (IR)	To conform to standard	Conforms
Identification (TLC)	To pass test	Conforms
Identification	To pass tests C, D of BP, EP	Conforms
Solubility (5% in methanol)	Clear solution, absorbance at 440nm ≤ 0.05	Conforms
Impurity A	$\leq 0.20\%$	Not detected
Impurity F	$\leq 0.15\%$	Not detected
Any Unspecified Impurity	$\leq 0.10\%$	Not detected
Total Impurities	$\leq 0.40\%$	Not detected
Heavy Metals	$\leq 10\text{ppm}$	Conforms
Loss on Drying	$\leq 0.5\%$ (3h, 105°C)	0.03%
Assay	99.0 - 101.0 % (dried substance)	99.1%
Pharmacopoeia Specification(s)	BP, EP	Conforms

Specification Version v1.1
Manufacture Date 2019-08-21
Re-Test Date 2029-03-23

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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