

## Product Specification

Product Name	Diclofenac sodium salt
Glentham Code	GP9539
CAS Number	15307-79-6
EINECS	239-346-4
MDL Number	MFCD00082251
PubChem SID	310271535
Molecular Weight	318.14
Molecular Formula	$C_{14}H_{10}Cl_2NNaO_2$
Storage Temp.	+20°C



Property	Specification
Physical Description	White or slightly yellowish crystalline powder
Melting Point	approx. 280°C (decom.)
Identification (IR)	To conform to standard
Identification (TLC)	To pass test
Identification	To pass tests C, D of BP, EP
Solubility (5% in methanol)	Clear solution, absorbance at 440nm $\leq$ 0.05
Impurity A	$\leq$ 0.20%
Impurity F	$\leq$ 0.15%
Any Unspecified Impurity	$\leq$ 0.10%
Total Impurities	$\leq$ 0.40%
Heavy Metals	$\leq$ 10ppm
Loss on Drying	$\leq$ 0.5% (3h, 105°C)
Assay	99.0 - 101.0 % (dried substance)
Pharmacopoeia Specification(s)	BP, EP

Specification Version	-	v1.1
Date Created	-	2017-06-22

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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