

## Product Specification

Product Name	Cellulose acetate phthalate
Glentham Code	GK7319
CAS Number	9004-38-0
MDL Number	MFCD00072769

Molecular Weight	2534.12
Molecular Formula	$C_{116}H_{116}O_{64}$
Storage Temp.	+20°C

Property	Specification
Physical Description	White, free flowing powder, hygroscopic
Solubility	Freely soluble in acetone, diethylene glycol and dioxane; practically insoluble in water and ethanol
Identification	As per BP / EP / USP
Viscosity	45 - 90 cps
Free Acid	≤ 3.0% (dried basis)
Sulphated Ash	≤ 0.1%
Water	≤ 5.0%
Heavy Metals	≤ 10ppm
Assay (anhydrous basis)	Acetyl group: 21.5 - 26.0 % Hydrogen phthaloyl group: 30.0 - 36.0 %
Pharmacopoeia Specification(s)	BP / EP / USP

Specification Version	-	v1.0
Date Created	-	2014-09-09

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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