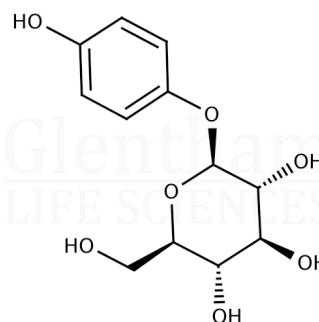


Certificate of Analysis

Product Name Arbutin
Glenthams Code GC0919
CAS Number 497-76-7
EINECS 207-850-3
MDL Number MFCD00016915
PubChem SID 310267002
Batch Number 804DWU

Molecular Weight 272.26
Molecular Formula $C_{12}H_{16}O_7$
Storage Temp. +20°C



Property	Specification	Batch 804DWU
Physical Description	White or almost white crystalline powder	White crystalline powder
Solubility (5% in water)	Clear to very faintly turbid, colourless to very faint yellow solution	Clear to very faintly turbid, colourless solution
Specific Optical Rotation ($[\alpha]_{20/D}$)	-68.0 - -63.0 ° (c=3, water)	-68°
Melting Point	198 - 203 °C	202 - 203 °C
Loss on Drying	≤ 2.5% (105°C)	0.5%
Assay	≥ 99.0%	99.7%

Specification Version v1.1
Manufacture Date 2016-10-11
Re-Test Date 2028-01-03

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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