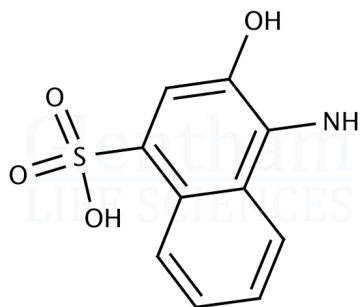


## Certificate of Analysis

Product Name 4-Amino-3-hydroxy-1-naphthalenesulfonic acid, ACS grade  
Glentham Code GW5511  
CAS Number 116-63-2  
EINECS 204-147-3  
MDL Number MFCD00004019  
Batch Number 483MJD

Molecular Weight 239.25  
Molecular Formula  $C_{10}H_9NO_4S$   
Storage Temp. +20°C



Property	Specification	Batch 483MJD
Physical Description	White to pink-brown or light purple powder	Dull pink powder
Solubility (in Sodium Carbonate Soln.)	To pass test	Conforms
Residue on Ignition	≤ 0.1%	0.05%
Sulphate (SO <sub>4</sub> )	≤ 0.2%	≤ 0.2%
Sensitivity to Phosphate	To pass test	Conforms
Assay	≥ 90.0%	93.8%
Grade	ACS	Conforms

Specification Version v1.0  
Manufacture Date 2019-11-26  
Re-Test Date 2030-02-23

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](http://www.glentham.com) or contact us using the details above for the current version of this document.

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