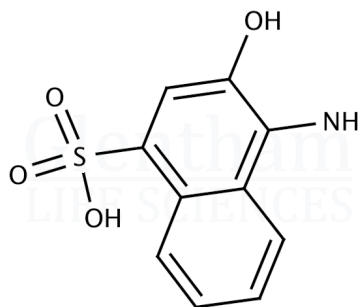


## Certificate of Analysis

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

Molecular Weight	239.25
Molecular Formula	C <sub>10</sub> H <sub>9</sub> NO <sub>4</sub> S
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

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

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