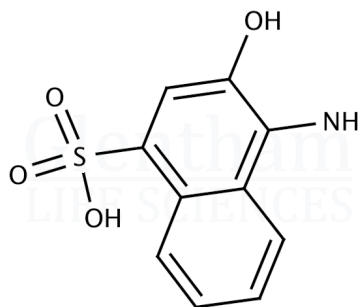


Certificate of Analysis

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	$C_{10}H_9NO_4S$
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 ₄)	≤ 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 or contact us using the details above for the current version of this document.

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