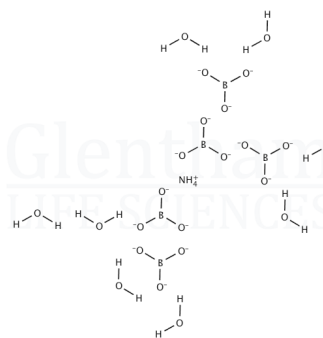


Certificate of Analysis

Product Name	Ammonium pentaborate octahydrate
Glenthams Code	GK3205
CAS Number	12046-03-6
EINECS	234-521-1
MDL Number	MFCD00135839
PubChem SID	310266795
Batch Number	605PHJ

Molecular Weight	544.29
Molecular Formula	$(\text{NH}_4)_2\text{B}_{10}\text{O}_{16} \cdot 8\text{H}_2\text{O}$
Storage Temp.	+20°C



Property	Specification	Batch 605PHJ
Physical Description	White crystals or crystalline powder	White crystalline powder
Solubility (5% in water)	Clear, colourless solution	Conforms
pH (1% in water)	7.5 - 9.0	8.6
Iron (Fe)	≤ 5ppm	Conforms
Heavy Metals (as Pb)	≤ 5ppm	Conforms
Assay (Titration)	99.0 - 100.5 %	99.6%

Specification Version	v1.0
Manufacture Date	2022-10-06
Re-Test Date	2030-09-09

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.

This document was generated electronically and is therefore valid without signature. © Glenthams Life Sciences Ltd, 2025