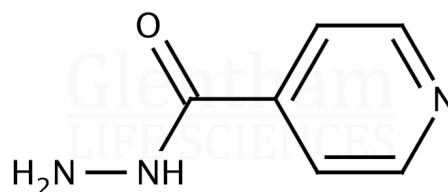


## Certificate of Analysis

Product Name	Isoniazid, EP grade
Glentham Code	GA1121
CAS Number	54-85-3
EINECS	200-214-6
MDL Number	MFCD00006426
Batch Number	728KZD
Molecular Weight	137.14
Molecular Formula	C <sub>6</sub> H <sub>7</sub> N <sub>3</sub> O
Storage Temp.	+20°C



Property	Specification	Batch 728KZD
Physical Description	White or almost white crystalline powder, or colourless crystals	Conforms
Melting Point	170 - 174 °C	171°C
Identification (IR)	To conform to standard	Conforms
Identification	To pass test C	Conforms
Solubility (5% in water)	Clear, colourless solution (≤ BY7)	Conforms
pH (5% in water)	6.0 - 8.0	7.2
Hydrazine	≤ 15ppm	Conforms
Impurity A	≤ 0.15%	0.0114%
Impurity B	≤ 0.15%	Not detected
Any Unspecified Impurity	≤ 0.10%	Not detected
Total Impurities	≤ 0.5%	0.0114%
Sulphated Ash	≤ 0.1%	0.02%
Loss on Drying	≤ 0.5% (105°C)	0.28%
Assay	99.0 - 101.0 % (dried substance)	100.1%
Pharmacopoeia Specification(s)	EP	Conforms to EP

Specification Version	v1.0
Manufacture Date	2017-02-24
Re-Test Date	2024-05-24

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.

This document was generated electronically and is therefore valid without signature. © Glentham Life Sciences Ltd, 2024