## **Glentham** LIFE SCIENCES

Glentham Life Sciences Ltd Unit 5 Leafield Way Corsham SN13 9SW United Kingdom

- t: +44 (0) 1225 667 798
- f: +44 (0) 2033 978 909
- e: info@glentham.com

w: www.glentham.com

## **Product Specification**

Product Name	trans-4-Hydroxy-L-proline
Glentham Code	GM7180
CAS Number	51-35-4
EINECS	200-091-9
MDL-Nummer	MFCD00064320
PubChem SID	310275013
Molecular Weight	131.13
Molecular Formula	C <sub>5</sub> H <sub>9</sub> NO <sub>3</sub>
Storage Temp.	+20°C

Physical DescriptionWhite to off-white crystalline powder, or colourless crystalsSolubility (5% in water)Clear, colourless solutionSpecific Optical Rotation-78.074.0 ° (c=2, water)Heavy Metals (as Pb)≤ 10ppmResidue on Ignition≤ 0.1%Loss on Drying≤ 0.5%Assay98.5 - 101.5 %	Property	Specification
Specific Optical Rotation   -78.074.0 ° (c=2, water)     Heavy Metals (as Pb)   ≤ 10ppm     Residue on Ignition   ≤ 0.1%     Loss on Drying   ≤ 0.5%	Physical Description	White to off-white crystalline powder, or colourless crystals
Heavy Metals (as Pb) ≤ 10ppm   Residue on Ignition ≤ 0.1%   Loss on Drying ≤ 0.5%	Solubility (5% in water)	Clear, colourless solution
Residue on Ignition ≤ 0.1%   Loss on Drying ≤ 0.5%	Specific Optical Rotation	-78.074.0 ° (c=2, water)
Loss on Drying ≤ 0.5%	Heavy Metals (as Pb)	≤ 10ppm
	Residue on Ignition	≤ 0.1%
Assav 98.5 - 101.5 %	Loss on Drying	≤ 0.5%
	Assay	98.5 - 101.5 %

Specification Version	-	v1.1
Date Created	-	2018-02-19

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 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, 2025