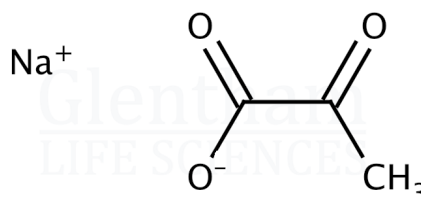


Certificate of Analysis

Product Name	Sodium pyruvate, 99%, GlenCell™, suitable for cell culture
Glentham Code	GX0590
CAS Number	113-24-6
EINECS	204-024-4
MDL Number	MFCD00002586
Batch Number	413TVD
Molecular Weight	110.04
Molecular Formula	$C_3H_3NaO_3$
Storage Temp.	+20°C



Property	Specification	Batch 413TVD
Physical Description	White or almost white crystalline powder	White crystalline powder
Colour (10% in water)	≤ 20 Hazen	Conforms
pH (10% in water)	5.0 - 7.0	6.8
Chloride	≤ 0.01%	Conforms
Sulphate	≤ 0.01%	Conforms
Iron (Fe)	≤ 10ppm	Conforms
Heavy Metals (as Pb)	≤ 10ppm	Conforms
Free Pyruvic Acid	≤ 0.1%	Conforms
Loss on Drying	≤ 0.5%	Conforms
Assay	≥ 99.0% (dried basis)	100.0%
Specification Version	v1.0	
Manufacture Date	2022-09-02	
Re-Test Date	2030-10-18	

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.

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