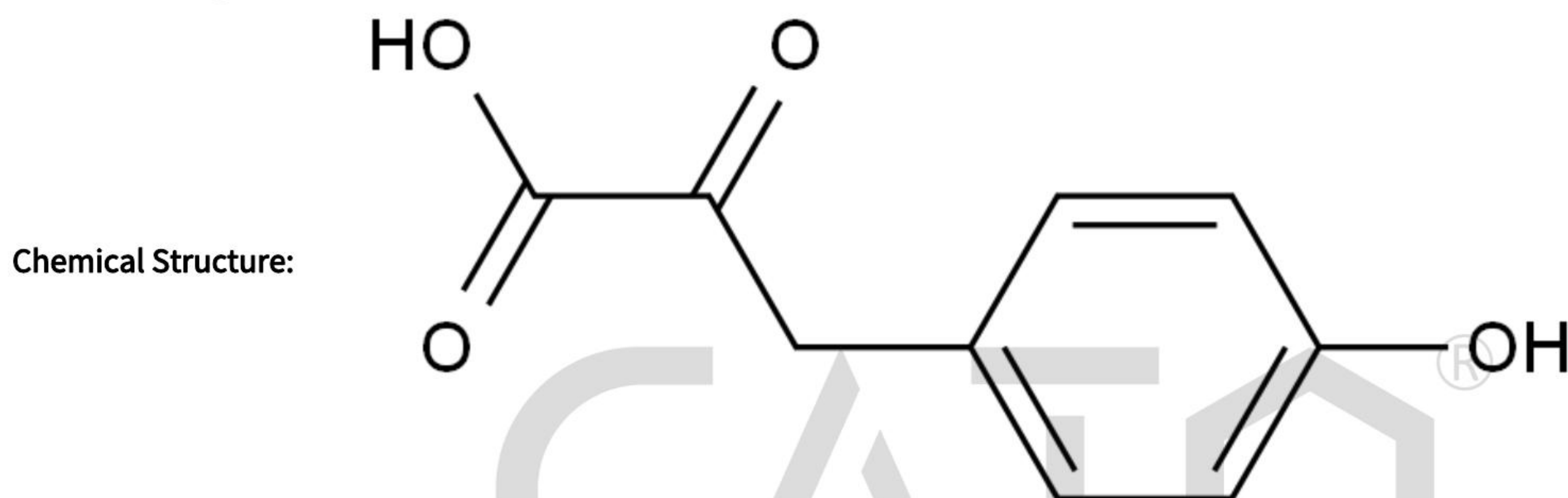


Certificate of Analysis

Reference Material

Product Name:	4-Hydroxyphenylpyruvic Acid	Catalogue Number:	CCHM701537
Chemical Name:	N/A	Lot Number:	0620-RD-0012
CAS Number:	156-39-8	Expiry Date:	Jun 30, 2026
Molecular Formula:	C ₉ H ₈ O ₄	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	180.16		



Test Items	Method	Results
Appearance	Visual inspection	Brown Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	98.9%
Assay	qNMR	96.2%
Uncertainty		±2.0%

Comment:

1. Assay was determined by quantitative ¹H-NMR.
2. The uncertainty values are the expanded uncertainty and represent an estimated standard deviation equal to the positive square root of the total variation of the uncertainty of components. A normal distribution is assumed and a coverage factor of K=2 is chosen using approximately a 95% confidence level.

Signature:

Prepared by:

Debia

Reviewed by:

Xenia

Aporoved by General manager:

David

Date: Jul 01, 2022

Date: Jul 04, 2022

Date: Jul 04, 2022

