

# Certificate of Analysis

**Product Name :**

Sodium pyruvate powder, BioReagent, suitable for cell culture, suitable for insect cell culture, ≥99%

**Product Number :** P5280-100G**Batch Number :** 0000452927

Source Batch : 0000444289

CAS Number : 113-24-6

MDL Number : MFCD00002586

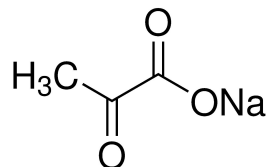
Storage Temperature : +2°C to +8°C

Molecular Formula : C<sub>3</sub>H<sub>3</sub>NaO<sub>3</sub>

Formula Weight : 110.04 g/mol

Recommended Retest Date : May 2028

Quality Release Date : 07 May 2025



Test	Specification	Result
Appearance (Color)	White to Faint Yellow	White
Appearance (Form)	Powder	Powder
Solubility (Color)	Colorless to Faint Yellow	Colorless
Solubility (Turbidity)	Clear	Clear
100 mg/mL, H <sub>2</sub> O		
Proton NMR Spectrum	Conforms to Structure	Conforms
Heavy Metal	<= 20 ppm	<= 20 ppm
As Lead		
Titration with HClO <sub>4</sub>	≥ 99 %	100 %
Cell Culture Test	Pass	Pass
Insect Cell Test	Pass	Pass

Jagodige Yasomanee, Supervisor

Quality Assurance

St. Louis, Dekalb

US

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at [Sigma-Aldrich.com](http://Sigma-Aldrich.com). For further inquiries, please contact Technical Service. Purchase must determine the suitability of the product for its particular use. See reverse side of website or packing slip for additional terms and conditions of sale

Version Number: 01 Doc: 1222839

Page 1 of 1

