

Product Specification

Product Name:

Carbonic Anhydrase from bovine erythrocytes, Specific activity $\geq 2,000$ units/mg protein, **PurBio**

Product No.: PSR45108
Brand: PureSynth
CAS No.: 9001-03-0
Molecular Formula: NA
Molecular Weight: 30,000 g/mol

Test	Specification
Appearance	White to Beige Powder
Activity	≥ 2000 units/mg
Protein (By Biuret Test)	≥ 75 %
Identity Test	Conforms
Bovine Erythrocytes (as Source)	Conforms
Unit Definition	One Unit is determined by the electrometric method of Wilbur and Anderson (J. Biol. Chem., 176,147 (1948)), in which the time required (in seconds) for a saturated CO ₂ solution to lower the pH of 0.02M Tris-HCl buffer from 8.3 to 6.3, at 0-4°C is determined

Specification: PB-1.0-QA/038, Ver. No. 1.1, 18.06.2026.

The information represented here may/may not represent the entire product specification and application recommended by PureSynth Research Chemicals. This information is for the user scientists or trading community as a guide in their applications. The company claims no liability for misuse resulting due to wrong usage of the information above. For queries on this Specifications, please contact our technical team at technical@pure-synth.com