

3050 Spruce Street, Saint Louis, MO 63103, USA

Website: [www.sigmaldrich.com](http://www.sigmaldrich.com)Email USA: [techserv@sial.com](mailto:techserv@sial.com)Outside USA: [eurtechserv@sial.com](mailto:eurtechserv@sial.com)

## Product Specification

Product Name:

Acetylcholinesterase from Electrophorus electricus (electric eel) - Type V-S, lyophilized powder,  
≥1,000 units/mg protein

Product Number:

**C2888**

CAS Number:

9000-81-1

MDL:

MFCD00081268

Storage Temperature:

-20 °C

**TEST****Specification**

Appearance (Color)

Faint Yellow to Yellow to Beige

Appearance (Form)

Powder

Solubility (Color)

Colorless to Faint Yellow

Solubility (Turbidity)

Clear to Very Slightly Hazy

1 mg/ml, 0.02 M Tris Buffer, pH 7.5

units/mg protein

≥ 1000

One unit will hydrolyze 1.0 micromole of acetylcholine to acetate and choline per minute at pH 8.0 at 37 deg C

% Protein (Biuret)

≥ 50

Recommended Retest Period

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6 years

Specification: PRD.2.ZQ5.10000011671

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. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.