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## Product Specification

Product Name:

Glutaminase from Escherichia coli - Grade V, lyophilized powder, 50-200 units/mg protein

Product Number:

**G8880**

CAS Number:

9001-47-2

Storage Temperature:

-20 °C

**TEST****Specification**

Appearance (Form)	Lyophilized Powder
Appearance (Colour)	Yellow to Green
Solubility (Solvent)	Water
Solubility (Conc)	0.95 - 1.05 mg/ml
Solubility (Turbidity)	Clear w/Particle to Sl. Hazy w/Particles
Solubility (Color)	Faint Yellow to Light Green
Protein Content (Method)	Biuret-TCA
Prot. Content (% Protein)	20.00 - 40.00 %
Enzym. Assay (Spec. Activity)	50.00 - 200.00 U/mgP
Enzym. Assay (Contam. Name)	NADH Oxidase
Enzym. Assay (Activity %)	≤ 0.010 %
Element Detection (Element)	Ammonia
Element Detection (Method)	Nessler Reagent
Element Det. (Content µg/Unit)	≤ 0.10
Recommended Retest Period	-----
2 Years	

Specification: PRE.0.ZQ5.10000003003

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.