

Certificate of Analysis

Product Name:

UREASE TYPE III FROM JACK BEANS

Product Number: U1500
Batch Number: SLCJ5647
Brand: SIGMA
CAS Number: 9002-13-5
MDL Number: MFCD00070858
Storage Temperature: Store at 2 - 8 °C
Quality Release Date: 28 JUN 2021

Test	Specification	Result
Appearance (Color)	White to Faint Yellow to Faint Brown	White
Appearance (Form)	Powder	Powder
units/g Solid	15000 - 50000	25920
One micromolar unit will liberate 1.0 micromole of ammonia from urea per minute at pH 7.0 at 25 deg C.		
uG/unit Total Reducing Sugars (as glucose)	≤ 1.5	0.6
ug Free Ammonia/unit	≤ 0.05	0.00
UV/VIS Absorbance at 600 nm (3.3 mg/ml in H2O)	≤ 0.15	0.00



Brian Dulle, Supervisor
Quality Assurance
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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. 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.

