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Product Specification

Product Name:
Auresine – recombinant, lyophilized powder

Product Number: **SAE0083**
CAS Number: 2106847-48-5

TEST	Specification
Appearance (Color)	White
Appearance (Form)	Powder
Infrared Spectrum	Conforms to Structure
Origin	Confirmed
Recombinant	
Enzymatic Activity	> 500
U/1mg of Protein	
One unit will reduce the turbidity (A620nm) of a suspension of S. aureus cells from 0.250 to 0.125 in 10 minutes at pH 8.0 at RT in 50mM glycine buffer in a 6.0mL reaction mixture	
Purity by SDS-PAGE	> 90 %
Solubility	Pass
Clorless and clear or slightly opaque	
Solubility Method:	
In water for immediate use	
In 20mM Tris 7.5, 50mM NaCl, 10% glycerol-for storage at + 4°C or freezing in small aliquots (should be diluted at least 100x in the final reaction)	
DNase Activity	Not Detected
RNase Activity	Not Detected
Recommended Retest Period	-----
2 Years	

Specification: PRD.0.ZQ5.10000103642

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.

