

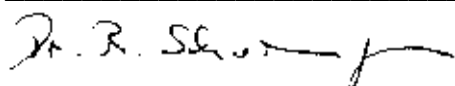
## Certificate of Analysis

Product Name:

Tryptic Soy Agar - suitable for microbiology, NutriSelect® Plus

**Product Number:** 22091  
**Batch Number:** BCCK1970  
**Brand:** SIAL  
**Quality Release Date:** 24 MAR 2023  
**Expiration Date:** FEB 2028

Test	Specification	Result
Appearance (Color)	Faint Yellow and Faint Beige and Faint Brown	Faint Brown
Appearance (Form)	Powder	Powder
Microbiological Test	Pass	Pass
Pass as Described in Data Sheet		
Solubility (Color)	Light Yellow to Light Brown	Light Brown-Yellow
Solubility (Turbidity)	Clear to Very Hazy	Clear
40.0 g/l in Water, 121 C for 15 min.		
pH	7.1 - 7.5	7.4
at 25 C 40.0 g/l in Water, 121 C for 15 min.		
Gel Strength	Corresponds to Requirements	Corresponds
Firm, Comparable with 1.5 % Agar Gel		



Dr.Reinhold Schwenninger  
Quality Assurance  
Buchs,Switzerland CH

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.

