

## Certificate of Analysis

(Representative Sample Certificate)

**Product Name:** DAP Tripeptide-33  
**INCI Name:** Water, diaminopropionoyl tripeptide-33, caprylyl glycol  
**CAS Number:** 7732-18-5, 1117-86-8  
**Lot Number:** Not available (data may vary slightly with different lots or batches)  
**Re-test Date:** 24 months from production date

Property	Specification	Analysis
Physical Appearance (CC-10-01-B6)	Translucent solution	Pass
Color (CC-10-01-B6)	Colorless	Pass
Specific Gravity (CC-10-01-B3)	0.94-1.04	1.00
pH (CC-10-01-B1)	2.3-4.3	3.2
Viscosity	-	-
Particle Size	-	-
Refractive Index	-	-
Dry Residue	-	-
Identification (HPLC) (CC-10-01-B19)	Similar retention time as in-house reference standard	Pass
Total Aerobic Microbial Count (MI-10-01-D09)	<100 CFU/g	Pass
Total Yeast & Mold Count (MI-10-01-D09)	<10 CFU/g	Pass
E. coli (MI-10-01-D09)	Absence/g	Pass

**Disclaimer:** This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process. Such information is to be the best of the company's knowledge and believed accurate and reliable as of the date indicated. However, no representation, warranty or guarantee of any kind, express or implied, is made as to its accuracy, reliability or completeness and we assume no responsibility for any loss, damage or expense, direct or consequential, arising out of use. It is the user's responsibility to satisfy himself as to the suitability & completeness of such information for his own particular use.

Pseudomonas aeruginosa (MI-10-01-D09)	Absence/g	Pass
Staphylococcus aureus (MI-10-01-D09)	Absence/g	Pass
Candida albicans (MI-10-01-D09)	Absence/g	Pass

The above data were obtained using the test indicated and is subject to the deviation inherent in the test method. Results may vary under other test methods or conditions.

This report is not to be signed.

All data are as per our supplier.

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