



# ADVANCED ANTIBACTERIAL ENZYME LAUNDRY POWDER

CODE NO: 529

## DESCRIPTION

**HIGHLY CONCENTRATED ANTIBACTERIAL FORMULA  
ENRICHED WITH ENZYMES – CLEANS AND DISINFECTS A  
RANGE OF FABRICS**

**Advanced Antibacterial Enzyme Laundry Powder** is an expertly engineered product that cleans and disinfects a wide range of fabrics safely and efficiently. Enhanced with 100% enzyme components and built-in oxygen bleach, it is perfect for aged care, nursing homes, hospitals, childcare, commercial and domestic settings.

Its highly concentrated formula, fresh fragrance and powerful whitening agents ensure spotless, bacteria-free fabrics, even at low temperatures and minimum cycle times.

Suitable for both hot and cold washes and all coloured fabrics, it also contains softeners and special optical brighteners to give a lustrous appearance to cleaned fabrics. This product is a white powder with blue specs and can also be used as a soaker.

**Clinically proven to eliminate over 99.99% of common bacteria, including *S. aureus* and *E. coli*, making it ideal for high-hygiene environments.**



## BENEFITS

- ✓ Antibacterial formula with 100% enzyme components
- ✓ Highly concentrated
- ✓ Powerful whitening agent
- ✓ Fresh fragrance

## ENVIRONMENTAL ASPECTS

- ✓ Phosphate free
- ✓ Biodegradable surfactants
- ✓ Septic tank safe when used in accordance with dilution instructions provided on label

## DIRECTIONS FOR USE

**TOP LOAD MACHINES (8kg):** 80g per load

**FRONT LOAD MACHINES (8kg):** 60g per load

Note: Do not pour directly onto clothes.

## PRODUCT AVAILABILITY

This product is available in 5kg, 15kg & 20kg pails and 25kg bag.

Always follow directions for use on the product label. Please visit [www.cleanplus.com.au](http://www.cleanplus.com.au) to find the Safety Data Sheet for this product.

Clean Plus Chemicals Pty Ltd  
16 George Young St AUBURN  
NSW, 2144  
AU

Client Account Number: A00498930AG4AP  
Eurofins Quote Number: XC8UPH20010907

**Eurofins Sample Number NJ24AB3354-2**

<b>Original Received Date:</b>	22-Nov-2024
<b>Description:</b>	Advanced Antibacterial Enzyme Laundry Powder (529), 200g
<b>Containers Submitted:</b>	1 Bottle(s)

**Analysis****Time Kill Test**

Refer to Attachment # 1

Modification from EN 1276 to a single concentration.

Method: EN1276:2019; TMD 110 (Modified)

Analysis Date: 04-Dec-2024

**Contracted Company: Eurofins ams Laboratories (Sydney)**

179 Magowar Road, Girraween, NSW 2145 Australia  
SampleReceiptAMS@eurofins.com

*TGA Licence No: MI-2021-LI-08995-1 APVMA Licence No: 6241**Results are related to Sample(s) identified in this report. Samples were tested as received. Specifications (if) reported are directed and/or provided by the client. The report is not to be reproduced except in full without the approval of the laboratory.**Questions about this report should be directed to your project manager or the general email listed above.*

Test Parameters	
Concentration	10g/L (in hard water)
Contact Time	40 minutes
Neutraliser/ Dilution	T6 (1:10)
Condition	Dirty (0.3% BSA)
Temperature	45°C

### RESULTS

Table 1: Surviving organisms after exposure to the product under test			
Organism	Inoculum Control Count	Surviving Test Organisms	
	CFU/mL (Log <sub>10</sub> )	CFU/mL (Log <sub>10</sub> )	Log reduction
<i>S. aureus</i> ATCC 6538	2.78 x 10 <sup>7</sup> (7.44)	1.82 x 10 <sup>4</sup> (4.26)	3.18
<i>E. coli</i> ATCC 10536	4.80 x 10 <sup>7</sup> (7.68)	8.45 x 10 <sup>2</sup> (2.93)	4.75

CFU = Colony Forming Unit

Table 2: Neutralisation validation results					
Organism	Validation Suspension (Nv)	Experimental Condition (A)	Neutralizer Control (B)	Method Validation (C)	Pass/Fail
<i>S. aureus</i> ATCC 6538	43	47	42	52	Pass
<i>E. coli</i> ATCC 10536	63	68	66	70	Pass

A, B & C must be ≥ 0.5Nv

**COMMENTS:** The product showed 3.18 and 4.75 log reductions against *S. aureus* and *E. coli* respectively at 40 minutes contact time.

**Note:** Neutralisation validation was performed at the highest contact time (40 minutes) and will apply to the lower contact time. The validated neutraliser was T6 (a mixture of Tryptone Soy Broth, Lecithin and Tween 80).