

CERTIFICATE OF ANALYSIS

Product Description CELLULASE, ONOZUKA RS
Product Number C214
Lot Number HEY0214019
Storage Temperature 2-8 °C
CAS Number 9012-54-8

Physiochemical Specifications:

TEST	SPECIFICATION	RESULTS
Solubility	Soluble in Water @ 10 mg/mL	Passes
pH	Under Development	6.9
Physical Appearance Color*	2160-40, 2151-50 to 2154-50, HC-35, or HC-24	2151-50 Beige
Texture	Fine Powder, may form clumps	Fine Powder
Solution Appearance Clarity Color	Clear to Slightly Hazy Light Yellow to Amber	Clear Light Yellow
Average Time to Dissolve	Within 10 min	Passes
Insolubles	None to Fine	Passes-Fine
Enzyme Activity	Minimum 16,000 units/g	Passes

* Product color based upon comparisons between sample and standardized color wheel (Benjamin Moore® Color Preview™).

The material described in this certificate was manufactured in Japan and was derived solely from the fermentation of *Trichoderma viride*. The medium used to grow this fungus contained no animal-derived material; it was sterilized at 105-110 °C for 70 minutes prior to fermentation. Lactose, purified from Bovine milk of US origin, was added to the final product to adjust the enzyme activity to meet specification

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Date of Release: 1-October-2021
Recommended Shelf Life Date: October 2026



David S. Hart
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