

## Certificate of Analysis

LAFFORT USA COA CONTACT 1460 CADER LANE PETALUMA CA 94954	Customer Order: 4502161844  Shipped Quantity: 234.000 DR Shipped From: AIE US LA PORTE SENS RD W3P Delivery Vehicle: r&h trucking Seal Number: 3061796 Order Number: 8777793/000010 Delivery: 852658821/000010 Date Shipped: June 29, 2023 Sold To Number: 707142
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POLYCLAR V DRUM 19.96KG 2  
 Polyclar(TM) V beverage clarifier  
 Ashland Material Number: 830926

Batch: 0002646119

Characteristics	Specification	Results
Appearance @ 25 deg C - White to off white free flowing powder	PASS	PASS
pH (1 g/100 ml D.I. water, W622)	5.0 - 8.0	6.4
% Moisture (Karl Fischer, W1525)	<= 6.0	4.3
ppm Vinyl Pyrrolidone (as is, HPLC, W1245)	<= 10	3
% Nitrogen (anhydrous basis, W1118)	11.7 - 12.7	12.4
ppm Lead (W1494)	<= 2	0
% Ash (Residue on Ignition or Sulphated, W1381)	<= 0.5	0.0
% Water Solubles (W1153)	<= 1.5	0.8
% Acid/Alcohol Solubles from PVPP (W822)	<= 1.0	0.8
% Through 200 Mesh (W1576)	>= 90	93
% Through 400 Mesh (W1576)	45 - 90	71
% Adsorptive Capacity (W496)	>= 50	64
Median Particle Size by Malvern (Dry) - d50 in microns (W1576)	<= 40	26
Date of Manufacture		April 17, 2023
Retest Date		April 16, 2026
Shipped Quantity		135.000 DR

**Notes:**

Material meets the requirements of the current Food Chemical Codex

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<b>Characteristics</b>	<b>Specification</b>	<b>Results</b>

This COA is printed from a secure computer system ensuring the batch was properly released by the Quality Department and is valid without signature.

Manufactured by:  
ISP TECHNOLOGIES INC.  
AFFILIATE OF ASHLAND  
4501 ATTWATER AVE (HWY 146)  
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