

Certificate of Analysis

LAFFORT USA COA CONTACT 2 1460 CADER LANE PETALUMA CA 94954	Customer Order: 4502983276 Shipped Quantity: 50.000 DR Shipped From: AIE US CALVERT CITY PLT Order Number: 8886874/000020 Delivery: 852785445/000010 Date Shipped: June 21, 2024 Sold To Number: 707142
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POLYCLAR VT DRUM 22.68KG 1
 Polyclar(TM) VT beverage clarifier
 Ashland Material Number: 830932

Batch: 0002683827

Characteristics	Specification	Results
Appearance @ 25 deg C - White to off white free flowing powder	PASS	PASS
Identification Tests (Q232) - Meets all Requirements	PASS	PASS
pH (1g/100 ml D.I. water, W622)	5.0 - 8.0	5.3
% Moisture (Karl Fischer, W1525)	< 5.0	3.3
ppm Vinyl Pyrrolidone (HPLC, W1245)	<= 10	0
% Nitrogen (anhydrous basis, W1118)	11.0 - 12.8	12.4
ppm Heavy Metals (W1494)	< 10	2
ppm Arsenic (W1494)	< 2.0	0.9
ppm Lead (W1494)	< 2	1
ppm Mercury (W1494)	< 1	0
ppm Zinc (W1494)	< 5	0
ppm Cadmium (W1494)	< 1	0
% Ash (Residue on Ignition or Sulphated, W1381)	<= 0.4	0.0
ppm Sulphates (CCLM473)	< 1000	98
% Adsorption Efficiency (Anhydrous basis, Salicylic Acid, W271)	>= 30	33
% Adsorptive Capacity of Oenocyanine (W496)	>= 30	47
% Water solubles (W1153)	< 0.50	0.34
%Acid/Alcohol Solubles from PVPP (W822)	< 1.0	0.3
ppm Arsenic Trioxide (W1494)	<= 4.0	2.4
% Total Water-Soluble by Japanese MHW Method (W1053)	<= 1.5	0.8
Date of Manufacture		March 13, 2024
Next Retest Date		March 13, 2027
Shipped Quantity		50.000 DR

Notes:

Material meets the requirements of PVPP OIV monograph, current Food Chemical Codex and Japanese MHW. Results for HM, Arsenic, Lead, Nitrogen and Ash are based on increased interval testing.

Results Certified by:
 Stephen D. Hale

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Characteristics	Specification	Results

Quality Systems Manager

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:
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