



Test Report

Revised Report

Report No.: 100103764B
Project No.: 10303580.1
Date: May 5, 2014
Trace Code: A14.0362

Client: POLIBLEND SPA
Via Piccinelli 12
Mozzate, Co 22076
Italy

Attention: Stefano Bertolini

Authorization: Quote Number 1100060494

Samples Received: (04/16/2014)

- Polimid A SG Naturale FD
- Polimid B AV Naturale FD
- Polimid A 30 GF Naturale FD
- Polimid B 30 GF Naturale FD

Analysis Requested: Extraction Studies done in accordance with FDA 21 CFR §177.1500

Analysis Performed On: April 22, 2014 through April 30, 2014

Results and Discussion:

Extraction studies were performed on the submitted samples in accordance with FDA 21 CFR §177.1500, Nylon Resins. Approximately 30 grams of material was extracted at reflux temperature for eight hours using purified water, 95% ethyl alcohol, ethyl acetate and benzene. The extract was filtered while hot and evaporated to dryness. The amount of residue in percent by weight was then determined. The samples were analyzed in duplicate. The results of these analyses are found on the attached tables.

The submitted samples, Polimid A SG Naturale FD, Polimid B AV Naturale FD, Polimid A 30 GF Naturale FD, and Polimid B 30 GF Naturale FD, meet the specification found in FDA 21 CFR §177.1500 for purified water, 95% ethyl alcohol, ethyl acetate, and benzene.

Report revised due to client request for use of commercial name.

Please contact us if you have any questions regarding these results or if you require additional information.

Joanne M. Deskus
VS Senior Chemist
Analytical Chemistry

Judith V. Haber
Senior Laboratory Operations Manager
Analytical Chemistry

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RESULTS FOR POLIMID A SG NATURALE FD IN ACCORDANCE WITH FDA 21 CFR §177.1500		
Sample ID	Results (%)	Criteria (%)
Water A	0.47	1.5
Water B	0.47	1.5
95% Ethyl Alcohol A	0.26	1.5
95% Ethyl Alcohol B	0.29	1.5
Ethyl Acetate A	0.00	0.2
Ethyl Acetate B	0.00	0.2
Benzene A	0.00	0.2
Benzene B	0.00	0.2

RESULTS FOR POLIMID B AV NATURALE FD IN ACCORDANCE WITH FDA 21 CFR §177.1500		
Sample ID	Results (%)	Criteria (%)
Water A	0.42	1.0
Water B	0.42	1.0
95% Ethyl Alcohol A	0.16	2.0
95% Ethyl Alcohol B	0.15	2.0
Ethyl Acetate A	0.00	1.0
Ethyl Acetate B	0.00	1.0
Benzene A	0.00	1.0
Benzene B	0.00	1.0

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RESULTS FOR POLIMID A 30 GF NATURALE FD IN ACCORDANCE WITH FDA 21 CFR §177.1500

Sample ID	Results (%)	Criteria (%)
Water A	0.38	1.5
Water B	0.41	1.5
95% Ethyl Alcohol A	0.20	1.5
95% Ethyl Alcohol B	0.21	1.5
Ethyl Acetate A	0.00	0.2
Ethyl Acetate B	0.00	0.2
Benzene A	0.02	0.2
Benzene B	0.01	0.2

RESULTS FOR POLIMID B 30 GF NATURALE FD IN ACCORDANCE WITH FDA 21 CFR §177.1500

Sample ID	Results (%)	Criteria (%)
Water A	0.33	1.0
Water B	0.34	1.0
95% Ethyl Alcohol A	0.21	2.0
95% Ethyl Alcohol B	0.21	2.0
Ethyl Acetate A	0.00	1.0
Ethyl Acetate B	0.00	1.0
Benzene A	0.00	1.0
Benzene B	0.00	1.0

*****End of Report*****

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