Cognis

Contact Information:
Cognis Corporation
5051 Estecreek Drive
CINCINNATI OH 45232-1446
USA

Phone: 888-329-2626
Fax: 513-482-5536

Certificate of Analysis

Mail-To:
QC MANAGER
4487 LE SAINT CT
FAIRFIELD OH 45014
USA

Ship-To:
SEA-LAND CHEMICAL CO
C/O LE SAINT LOGISTICS
4487 LE SAINT CT
FAIRFIELD OH 45014
USA

Order No.: 658342
Delivery No.: 80792267
Date Of Shipment: Feb 17 2006

Cust. Ord. No: W20210
Shipped Via: LE SAINT (T/L) LOGISTICS TRANSP.

Product Description:
SYNATIVE AC 3004 PAO
(EMERY 3004)
Customer Code: 64001

Batch Number: UR6A23X008

| Characteristic | Values | Specifications Min | Max |
|---|---|---|---|
| APPEARANCE | Pass | | |
| BROMINE INDEX | 42 | | 1000 |
| MOISTURE, PPM | 38 | | 50 |
| NOACK VOLATILITY, % | 12 | | 14 |
| VISCOSITY, CS, 100C | 3.86 | 3.80 | 4.20 |
| VISCOSITY, CS, -40C | 2496 | | 3000 |
| FLASH POINT, C | 214 | 204 | |
| POUR POINT, C | -72 | | -57 |
| DATE OF MANUFACTURE | Jan 21 2006 | | |

Thomas W. Ratliff
Thomas W Ratliff
Quality Manager
Functional Products

| | |
|---|---|
| To: | HAMILTON |
| P.O. No.: | 20064032-12th RLS |
| Code No.: | T000-0676 |
| Qty: | 2 |
| Ship Date: | 12/26/06 |
| Distributed by Sea-Land Chemical Co. | |