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Company Number: SC374368

Certificate of Analysis

Batch Details

| | | | |
|----------------------|----------------------------------|-----------------------------|------------|
| Product Name: | INCROQUAT BEHENYL TMS-50-PA-(MH) | Date of test: | 13.03.2015 |
| Product Code: | HA40132/0075/4F40 | Date of manufacture: | 12.03.2015 |
| Batch No: | 0000950935 | Retest date: | 12.03.2017 |

Specification: REVISED 07-MAY-2015

Quality Control Results

| Analytical Test Method No. | Characteristic | Specification Limit | | Value | Unit | Status |
|-------------------------------|---------------------------|---------------------|-------|-------|------|--------|
| | | Lower | Upper | | | |
| | Addendum 00 | PASS OR FAIL | | Pass | - | P |
| AU020000 | APPEARANCE (FORM) 25°C | PASTILLES | | Pass | - | P |
| AU020000 | COLOR | WHITE TO OFF WHITE | | Pass | - | P |
| FU5100C0 | % ACTIVES (MW=504.4) | 48.0 | 51.0 | 50.9 | % | P |

Incroquat Behenyl TMS-50 and its use in personal care applications is covered by U.S. patents 6,638,497 and US6,607,715 issued to Croda Inc.

Batch Status: Pass

The quality tests on this batch are reported above. The tests carried out are those necessary to demonstrate compliance with our product specification and are not intended to guarantee the product as suitable for any application beyond those contained in the specification. We recommend you perform your own quality and or identification checks on receipt

The name printed at the end of this document is an electronic signature.
