

Certificate of Analysis

A quality management system registered to the international standard ISO 9001 was used to manufacture and test this material.

Certificate prepared at

Gracefruit Limited
209 Glasgow Road
Bonnybridge
FK4 1QQ

Customer details

C of A Printed. 19.07.2017
Quantity. 0.000

Batch Details

Product Name:	INCROQUAT BEHENYL TMS-50-PA-(MH)	Date of test:	28.03.2017
Product Code:	HA40132/0075/4F40	Date of manufacture:	27.03.2017
Batch No:	0001214989	Retest date:	27.03.2019

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	50.8	%	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.

