

CERTIFICATE OF ANALYSIS

PRODUCT NAME: D(+)-Raffinose Pentahydrate
 BATCH NO. 16/MFM/1836
 DATE OF PRODUCTION: September 2015
 DATE OF EXPIRY: September 2018

TESTS	VALUE LIMIT	RESULTS
Appearance	White or almost white powder	Complies
Identification	Crystalline powder	Complies
Specific rotation at 20°C 10% (w/v) in distilled water	Deg ml/g 108.0	103,5
Water Content (Karl Fischer, Methanol)	17.0%	14,7
Ph-value, in dist. Water	6,5	6,4
Melting Point	82°C	79
Heavy metals determination with AAS or ICP Arsenic	Colourless 2ppm	Passed Test <0,1
Content by HPLC	Min %	99,1
Sulphated ash	0,10%	0,04
Heavy metals calc as lead	10ppm	Complies
Total aerobic count poured plate	1000 per g	<10
Moulds & yeasts per plate	100 per g	<10

* This material is used for laboratory use only.

Supplier: Formedium Ltd

Approved by:



Date: 24-10-16

For and on behalf of
 FORMEDIUM Ltd, Unit 1B
 Hunstanton Commercial Park
 PE36 5JQ, England

