





Please note that the certificates of analysis are also conveniently available online and around the clock at www.online-services.btc-europe.com

Fax No 00420227230616

Expirace: 2020-06-09

2016-06-09 BTC QM

SRDJAN.JERKOVIC@BTC-EUROPE.COM

+49 2173 3347-210 Certificate No 1460 Page 1 of 2

Certificate of Analysis according to DIN 55350-18-4.2.2

THIAMINE MONONITRATE

5KG Fibreboard Boxes

Purchase Order/Customer Product#

248/2016

 Material
 50371561

 Order
 3012414424
 000020

 Delivery
 3096355196
 000010

 Lot
 TN15072080
 KG

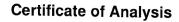
 Lot/Qty
 5.000
 KG

 Total
 5.000
 KG

 Transport
 000000000000598076290

Characteristic Method	Unit	Value	Lower Limit	Upper Limit		
Appearance Appearance		white crys	white crystalline powder			
Identification (Ph. Eur., USP)		white crystalline powder conforms				
Appearance of solution		Clear, not more intense than Y7 or GY7				
pH (Ph.Eur.)		7, 10	6, 80	7, 60		
pH (USP)		7, 10	6, 00	7, 50		
oss on drying (Ph.Eur.)	%	0, 10		1, 00		
oss on drying (USP)	%	0, 10		1, 00		
Sulphated ash (Ph.Eur.)	%	0, 01		0, 10		
desidue on ignition (USP)	%	0, 01		0, 20		
leavy Metals	ppm	< 20		20		
hloride	%	< 0,06		0, 06		
elated substances (Ph.Eur.) any impurity	%	0, 11		1, 00		
elated substances (Ph.Eur.) total impurities		0, 11		1, 50		

The aforementioned data shall constitute the agreed contractual quality of the product at the time of passing of risk. The data are controlled at regular intervals as part of our quality assurance program. Neither these data nor the properties of product specimens shall imply any legally binding guarantee of certain properties or of fitness for a specific purpose. No liability of ours can be derived therefrom.







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Certificate of Analysis according to DIN 55350-18-4.2.2

THIAMINE MONONITRATE	Material	50371561
FIXO Films	Order	3012414424 000020
5KG Fibreboard Boxes Purchase Order/Customer Product#	Delivery	3096355196 000010
248/2016	Lot	TN15072080
240/2010	Lot/Qty	5.000 KG
	Total	5.000 KG
	Transport	00000000000598076290

Characteristic Method	Unit	Value	Lower Limit	Upper Limit
Chromatographic purity (USP)	%	0, 20		1, 00
Residual solvent (USP) methanol	%	< 0,01		0, 30
Assay (Ph.Eur.)	%	100, 30	98, 00	101, 00
Assay (USP)	%	99, 70	98, 00	102, 00
Production date		22.07.2015		
Best before / Retest date		21.07.2019		

[&]quot;Thiamine Mononitrate meets the specifications of the current monographs:

This C/A is based on analytical results, obtained by the QC-laboratory of the manufacturer.

Re-packaged by BTC Europe GmbH, Burgbernheim

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[&]quot;Thiamine Nitrate" of Ph.Eur.

[&]quot;Thiamine Mononitrate" of USP"