



ANALYSIS CERTIFICATE

Lot/Analysis/Analysis N°: 200420

Product:	TRIETHANOLAMINE
Lot:	200420
Expiry date:	01/11/2025
Reference:	Cumple PhEur10.0
Synonyms:	Trolamina. Trilamina.
Formule:	C ₆ H ₁₅ NO ₃
Poids moléculaire:	149,19 g/mol

Assay	Result	Specification
Assay	100,4 %	99,0-103,0%
Heavy metals	<= 10 ppm	<= 10 ppm
Density	1,123 g/ml	1,120 - 1,130 g/ml
Monoethanolamine	NDT	<= 0,1%
Related substances (GC)	Conform	Test RFE/Ph. Eur.
N-nitrosodiethanolamine (Imp C)	24 ppb	<= 24 ppb
Diethanolamine	0,06 %	<= 0,5%
Appearance of solution	Conforme	Test RFE/Ph. Eur.
Refractive index	1,4836	1,4820-1,4850
Sulphated ashes	0,00 %	<= 0,1%
Water content H ₂ O- K.F. (s/0,3 g)	0,09 %	<= 1,0%
Organoleptic properties	Conform	RFE/Ph. Eur.
Identification	Conform (A,B,C)	Test RFE/Ph. Eur.

Organoleptic characteristics:

Conservation: In tightly closed containers. Protect from light and from moisture.

Date of analysis: 23/04/2020

Judgement:
APPROVED

Responsible: M. Mesa

Technical director: Montserrat Enrique

Produit	Nom	Capacité	Lot
1187022	TRIETANOLAMINA	100 g	200420-J-1
1187022	TRIETANOLAMINA	100 g	200420-J-2
1187022	TRIETANOLAMINA	100 g	200420-J-3
1187022	TRIETANOLAMINA	100 g	200420-J-4
1187022	TRIETANOLAMINA	100 g	200420-J-5
1187022	TRIETANOLAMINA	100 g	200420-J-6
1187022	TRIETANOLAMINA	100 g	200420-J-7

1187022	TRIETANOLAMINA	100 g	200420-J-8
1187022	TRIETANOLAMINA	100 g	200420-J-9
1187023	TRIETANOLAMINA (INACTIVO)	250 g	200420-N-1
1187023	TRIETANOLAMINA (INACTIVO)	250 g	200420-N-2
1187023	TRIETANOLAMINA (INACTIVO)	250 g	200420-N-3
1187023	TRIETANOLAMINA (INACTIVO)	250 g	200420-N-4
1187023	TRIETANOLAMINA (INACTIVO)	250 g	200420-N-5
1187023	TRIETANOLAMINA (INACTIVO)	250 g	200420-N-6
1187023	TRIETANOLAMINA (INACTIVO)	250 g	200420-N-7
1187025	TRIETANOLAMINA	1 kg	200420-P-1
1187025	TRIETANOLAMINA	1 kg	200420-P-2
1187025	TRIETANOLAMINA	1 kg	200420-P-3
1187025	TRIETANOLAMINA	1 kg	200420-P-4
1187025	TRIETANOLAMINA	1 kg	200420-P-5
1187025	TRIETANOLAMINA	1 kg	200420-P-6

This certificate is not initialled as it is computer processed, it is validated with the originals available at Acofarma.

Original manufacturer's certificate available on request.

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