

## Propylene glycol

<b>CODE ARTICLE:</b> 11703	<b>BATCH:</b> 0124018
<b>TEST DATE:</b> 09/11/2023	<b>TEST:</b> QC-00258481
<b>EXPIRY DATE:</b> 08/10/2025	<b>FABRICATION DATE:</b> 09/10/2023
<b>CAS:</b> [57-55-6]	<b>MR:</b> 76,06
<b>FORMULA:</b> C3H8O2	
<b>STORAGE:</b> Store in tightly closed containers in a cool, dry place.	

TEST	RESULTS	Units	MIN	MAX	METHOD
APPEARANCE	CONFORM	-		Transparent liquid	PH.EUR.*
COLOUR	CONFORM	-		Colourless	PH.EUR.*
<b>IDENTIFICATION</b>					
RELATIVE DENSITY IDENTIFICATION [A]	1,038	-	1,035	1,04	PH.EUR.
INDEX OF REFRACTION IDENTIFICATION [B]	1,433	-	1,431	1,433	PH.EUR.
BOILING POINT IDENTIFICATION [C]	184	°C	184	189	PH.EUR.
MELTING POINT IDENTIFICATION [D]	126	°C	121	128	PH.EUR.
APPEARANCE	CONFORM	-		Clear and colourless	PH.EUR.
ACIDITY	0,01	ML	-	0,05	PH.EUR.
OXIDIZING SUBSTANCES	0,02	ML	-	0,2	PH.EUR.
REDUCING SUBSTANCES	CONFORM				PH.EUR.
WATER	0,007	%	-	0,2	PH.EUR.
SULPHATED ASHES	0,0025	%	-	0,01	PH.EUR.
ASSAY	99,95	%	99,8	-	USP
ACIDITY	0,02	ML	-	0,2	USP
CHLORIDE	<70	MG/KG		70	USP
RESIDUE ON IGNITION	0,0025	%	-	0,007	JP
SPECIFIC GRAVITY (25°C)	1,036	-	1,035	1,037	USP
SULPHATES	<60	MG/KG		60	USP
<b>IDENTIFICATION</b>					
IR IDENTIFICATION [A]	CONFORM				USP*
LIMIT ETHYLENE GLYCOL IDENTIFICATION [B]	CONFORM				USP
LIMIT DIETHYLENE GLYCOL IDENTIFICATION [B]	CONFORM				USP
CG IDENTIFICATION [C]	CONFORM				USP
ASSAY	99,95	%	99,8	-	FCC
ACIDITY	CONFORM				FCC
APPEARANCE	CONFORM			Clear and colourless	FCC
DESTILLATION, IBP	186,4	°C	185	-	FCC
DESTILLATION, DP	187,6	°C	-	189	FCC
LEAD	<1	MG/KG		1,0	FCC
<b>IDENTIFICATION</b>					
IR IDENTIFICATION	CONFORM				FCC
RESIDUE ON IGNITION	0,0025	%	-	0,007	FCC
SPECIFIC GRAVITY (25°C)	1,036	-	1,035	1,037	FCC
WATER	0,007	%	-	0,2	FCC
CORRECT BATCH	YES				Manufacture's Standard

The data expressed in this certificate of analysis is facilitated by our supplier and/or obtained in our control laboratory, in no case being exempted of the controls demanded by each sector. Tests marked with (\*) are verified in Guinama.

Manufacturer Batch: F820NA9P11 Supplier Code: 42661

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TEST	RESULTS	Units	MIN	MAX	METHOD
SAMPLING	COLLECT				Manufacture's Standard
SPECIFICATION	PH.EUR 11, USP, FCC, JP				Manufacture's Standard

*NON-sterile*  
*NOT SUITABLE FOR ORAL USE.*



**The product has been handled in NON-sterile rooms, therefore this product IS NOT STERILE**

**Silvia Sancho-Tello Ripoll**  
**Technical Director.**

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