

**Propylene glycol**

<b>CODE ARTICLE:</b> 11703	<b>BATCH:</b> 0128071
<b>TEST DATE:</b> 22/04/2024	<b>TEST:</b> QC-00263533
<b>EXPIRY DATE:</b> 05/03/2026	<b>FABRICATION DATE:</b> 05/03/2024
<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	PASS -			Transparent liquid	PH.EUR.*
COLOUR	PASS -			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]	125 °C		121	128	PH.EUR.
APPEARANCE	PASS -			Clear and colourless	PH.EUR.
ACIDITY	0,02 ML		-	0,05	PH.EUR.
OXIDIZING SUBSTANCES	0,05 ML		-	0,2	PH.EUR.
REDUCING SUBSTANCES	PASS				PH.EUR.
WATER	0 %		-	0,2	PH.EUR.
SULPHATED ASHES	0,0041 %		-	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	0,0041 %		-	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]	PASS				USP*
LIMIT ETHYLENE GLYCOL IDENTIFICATION [B]	PASS				USP
LIMIT DIETHYLENE GLYCOL IDENTIFICATION [B]	PASS				USP
CG IDENTIFICATION [C]	PASS				USP
ASSAY	99,95 %		99,8	-	FCC
ACIDITY	PASS				FCC
APPEARANCE	PASS			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	PASS				FCC
RESIDUE ON IGNITION	0,0041 %		-	0,007	FCC
SPECIFIC GRAVITY (25°C)	1,036 -		1,035	1,037	FCC
WATER	0,006 %		-	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: F820O35PI2    Manufacturer Code: 56856    Supplier Code: 42661

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<b>STORAGE:</b> Store in tightly closed containers in a cool, dry place.	

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

*NON-sterile*



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

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

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: F820O35P12    Manufacturer Code: 56856    Supplier Code: 42661

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