

## Product Specification

## CM – Monomers Division

### 1,2 PROPYLENE GLYCOL TECH. BMBcert

PRD-No.: 30799042

#### 1. Document information

Document name: StS\_12PGTECH-BMB\_30799042  
Revision: 1 issued: 2025-02-06

#### 2. General

This product is produced by BASF SE, Ludwigshafen, Germany according to ISO 9001.

#### 3. Product information

Chemical Name: propane-1,2-diole (C<sub>3</sub>H<sub>8</sub>O<sub>2</sub>)  
Appearance: clear, colorless liquid  
CAS-Nr.: 57-55-6

#### 4. Properties

Parameter	Unit	Specification	Test method
Propylene glycol	A. %	Min. 99,5	BASF GC method
Water	Wt. %	Max. 0,2	BASF 7508 or DIN 51777-1
Colour Number	-	Max. 10	BASF 5516 or DIN EN 1557
Acid value	mg KOH/g	Max. 0,02	BASF 5648 or DIN EN ISO 2114
Additional properties (not part of the test routine and/or of the certificate of analysis):			
Dipropylene glycol	Wt. %	Max. 0,3	BASF GC method
Refractive index, 20 °C	-	1,432 – 1,434	ASTM D1218 or DIN 51423-1
Density, 20 °C	g/cm <sup>3</sup>	1,035 – 1,037	ASTM D4052 or DIN 51757-3
Residue on ignition	mg/kg	Max. 50	ASTM D482 or DIN EN ISO 6245
Total chlorides	mg/kg	Max. 10	UOP 779 or Coulometric

Other typical properties of the product can be found in the technical leaflet, e.g. boiling point, freezing point, etc

The product is manufactured according to ISO 9001 and was designed for the use in further chemical syntheses or industrial applications. From BASF's side, the product is not intended to be used for sensitive applications (e. g. food, food-contact, feed, pharma, cosmetics, personal care). Therefore, BASF has not evaluated whether the product itself, the product quality and the existing safety data supports the use in these applications. It is solely the responsibility of those to whom we supply our product to ensure that any proprietary rights and legislation are observed and required risk assessments are carried out. In particular, the customer is not relieved from carrying out its own investigations and making tests to determine and verify the suitability of the product for a particular purpose prior to use. This includes all required risk assessments and adequate measures concerning the use of our product in your intended applications.