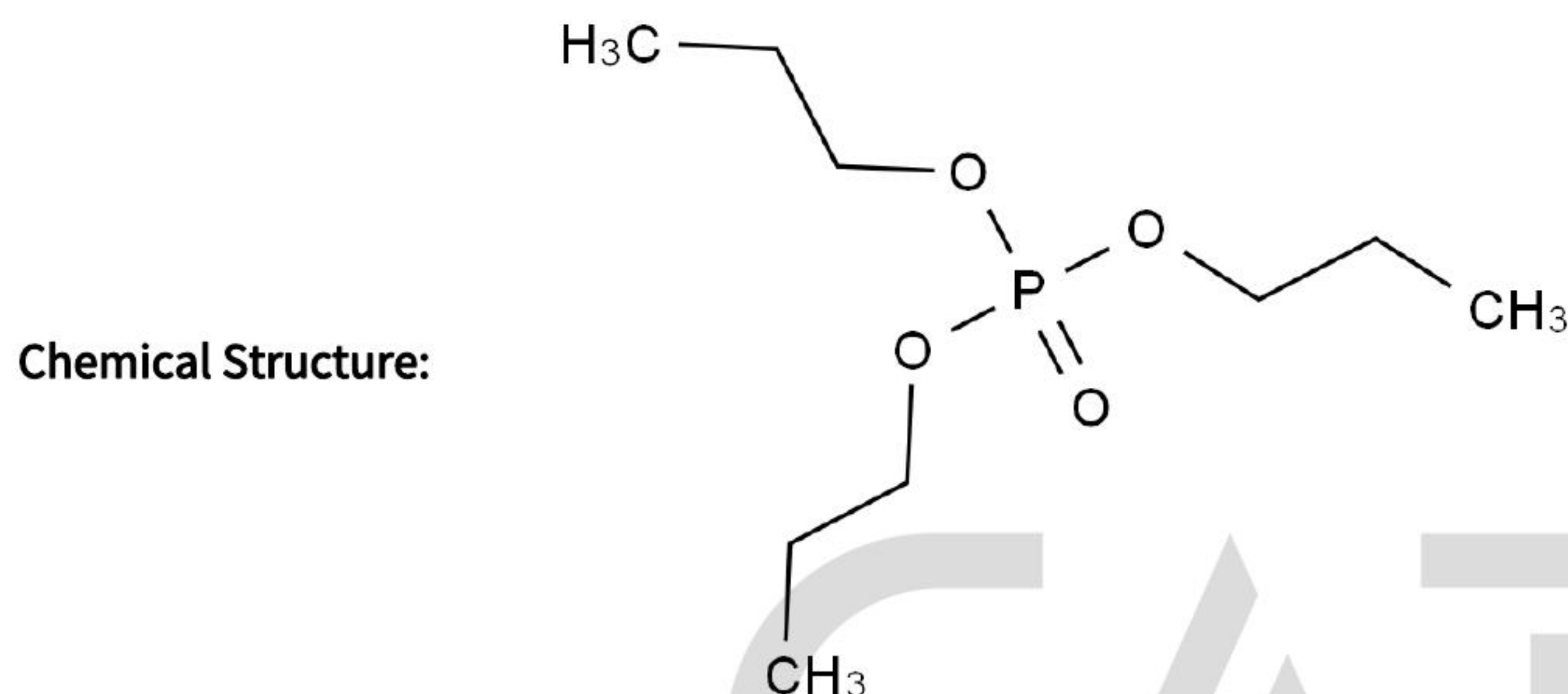


Certificate of Analysis

Reference Material

Product Name:	Tripropyl phosphate	Catalogue Number:	CWLT600549
Chemical Name:	N/A	Lot Number:	1122-RD-0025
CAS Number:	513-08-6	Expiry Date:	Nov 21, 2026
Molecular Formula:	C ₉ H ₂₁ O ₄ P	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	224.23		



Test Items	Method	Results
Appearance	Visual inspection	Colourless Liquid
Identification	GCMS&HNMR	Confirmed
Purity	GC	99.663%
Water Content	Karl Fischer	0.3294%
Assay		99.3%
Uncertainty		±2.0%

Comment:

1. The calculation of the 100% method follows the formula (calculated on the non-dried basis):

Assay (%) = (100% - Water Content) * Purity GC (%) / 100%

Water Content is considered as absolute effect, GC purity is considered as relative effect.

2. The uncertainty values are the expanded uncertainty and represent an estimated standard deviation equal to the positive square root of the total variation of the uncertainty of components. A normal distribution is assumed and a coverage factor of K=2 is chosen using approximately a 95% confidence level.

Signature:

Prepared by:

Xenia

Reviewed by:

Hinlam

Aporoved by General manager:

David

Date: Nov 22, 2022

Date: Nov 23, 2022

Date: Nov 23, 2022

Tel: +86-20-81960175

Fax: +86-20-81717260

Email: supports@cato-chem.com

Web: www.cato-chem.com

Add: Room 101, Building B, No.179, Guangpu East Road, Huangpu District, Guangzhou (Location: Room 301, Room 401, Room 501)

