



COMMITTED FOR CHEMISTRY

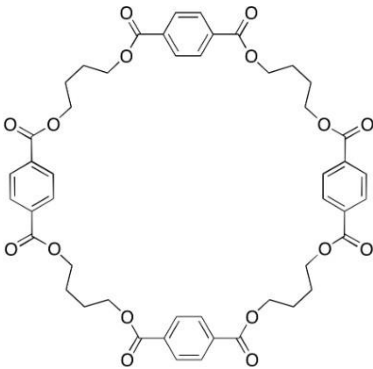
## SYNCHEMIA RESEARCH CHEMICAL

Plot No.408, Prakash Industries, 1st Floor, Bhare Phata, Tal- Mulshi, Dist- Pune, Pune-412115, Maharashtra India.

Mob.No - 9404317505 / 7276018915 . Website : <http://www.synchemia.com>

info@synchemia.com | sales@synchemia.com | export@synchemia.com

### CERTIFICATE OF ANALYSIS

<b>Product Name:</b> PBT CYCLIC TETRAMER		
<b>CAS NO:</b> 29278-72-6		<b>SRC CAT NO:</b> SRC-P16103
<b>Batch No:</b> SRC-122-RM-324-III		
<b>Date of Analysis:</b> 18 April 2023		
<b>Retest Date:</b> 18 April 2025		
<b>Structure:</b>		
		
<b>Chemical Name</b>	3,8,15,20,27,32,39,44-Octaoxapentacyclo[44.2.2.2.10,13.22.25.234,37]hexapentacont-10,11,12,22,23,24,34,35,36,46,48,49-dodecaene-2,9,14,21,26,33,38,45-octone	
<b>Molecular Formula</b>	C <sub>48</sub> H <sub>48</sub> O <sub>16</sub>	
<b>Molecular Weight</b>	880.9g/mol	
<b>Sr. No.</b>	<b>Test</b>	<b>Result</b>
1)	<b>Description</b>	Off white Solid
2)	<b>Solubility</b>	Acetonitrile(Slightly), Chloroform (Slightly)
3)	<b>Identification</b>	
	1. Mass	Confirm to structure(M/Z:880.9+18Water Adduct) Confirm
	2. 1H NMR	to structure
	3. IR	Confirm to structure
4)	<b>Purity by HPLC</b>	96.65%
<b>Long Term Storage condition</b>	Store at 2 <sup>0</sup> to 8 <sup>0</sup> c Ambient	
<b>Shipping Condition</b>		
<b>Note:</b> This is only for Analytical testing purpose, not for Human or Animal Consumption.		
	Signature	Date
Checked By		
Approved By		

