

**CERTIFICATE OF ANALYSIS****ChemiCore**

<b>Product Name</b>	<b>Lot Number</b>	<b>Pack</b>	<b>Production Date</b>	<b>Expiry Date</b>
ChemiCore A3	CCA23009	20	2023.08.15	2025.08.14

<b>Item</b>	<b>Method</b>	<b>Criteria</b>	<b>Result</b>
1. Appearance	By bare eye	No extraneous substances at the device	Pass
2. Packaging	By bare eye	No break, spot, split, defect, crack, hole, extraneous substances at the package	Pass
3. Capacity	By capacity measuring method	10.0 g $\pm$ 0.5 g (syringe)	10.0 g
4. Working time	By Rheometer	170 sec $\pm$ 20 sec	155 sec
5. Setting time	By ISO4049	220 sec $\pm$ 20 sec	220 sec
6. Depth of curing	By ISO4049	Over the 1.5mm	4.7 mm
7. Compressive Strength	By UTM (Universal Testing Machine)	More than 250 Mpa	267 MPa

**1. COMPOSITION**

- BPE-80  $\geq$  10wt%
- Diurethane dimethacrylate  $\geq$  10wt%
- Ba Slass  $\geq$  65wt%
- Silicon Dioxide  $\geq$  3wt%

**2. QUALITY**

- 1) Easy Handling
- 2) Enough flowability high bonding strength

**3. APPEARANCE** : Paste (Base & Catalyst)**4. FLASH POINT AND METHOD OF USE**

ChemiCore is dual-cured composite resin designed for the fabrication of all kinds of core build-ups & build-up fillings.

**5. SPECIFICATIONS**

- a) Class II a

according to the Rule 8 of Classification Criteria, Annex IX, MDD 93/42/EEC

**6. LIFE OF PRODUCTS** : 2 years from the manufactured date**7. HANDLING** : This material is intended for use by properly trained dental professionals only**8. STORAGE** : Store in dry and cool place. (2°C~27°C)

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**BAEK KYU HYUN / President**