



सीएसआईआर-केन्द्रीय काँच एवं सिरामिक अनुसंधान संस्थान

(वैज्ञानिक तथा औद्योगिक अनुसंधान परिषद)

नरोड़ा केन्द्र, 168-169, नरोड़ा इन्डस्ट्रीयल एस्टेट, अहमदाबाद - 382 330 (भारत)

CSIR-Central Glass & Ceramic Research Institute

(COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH)

NARODA CENTRE, 168-169, NARODA INDUSTRIAL ESTATE, AHMEDABAD - 382 330 (INDIA)



टेस्ट सर्टिफिकेट

TEST CERTIFICATE

20262005-035

20.05.2026

GC/NC/17478/

6318

Sample Regn. No.

Date :

Sr. No. :

GC/NC/TST (REP.)/2026

Issued to

M/s Yogesh Refractories
Navagam Road, Thangadh,
Gujarat - 363 530.

Ref. No. :

18th June, 2026

Date :

Enquiry dated 15.05.2026

Customer Ref. No. with Date :

SAMPLE DESCRIPTION AS PER : Ceramics Filter as submitted by the party.

CUSTOMER'S LETTER

VISUAL OBSERAVATION : Off White Colour Ceramic Filter

TEST DESIRED :

Sl.No.	TEST
1.	XRD with Qualitative Phase Analysis
2.	Pyrometric Cone Equivalent (PCE)

RESULTS :

Sl.No.	Test	Phase identified by XRD
1.	XRD with Qualitative Phase Analysis	Quartz [Silicon Oxide, SiO ₂] Mullite [Aluminosilicate, Al _{4.59} Si _{1.41} O _{9.7}] Cristobalite [Silicon Oxide, SiO ₂]

Complete chemical analysis is required for accurate determination of all the mineral phases.
XRD patterns and peak list are enclosed.

Sl.No.	Test	Result
2.	Pyrometric Cone Equivalent (PCE)	Between Orton Cone 30 and Cone 31 Close to Cone 31 (1665°C – 1683°C)

इस प्रमाणपत्र की प्रामाणिकता को testingnaroda.cgcri@csir.res.in / siccgcrinc.cgcri@csir.res.in पर ईमेल भेज कर जांचा जा सकता है। / Authenticity of this certificate can be checked by sending an email to testingnaroda.cgcri@csir.res.in / siccgcrinc.cgcri@csir.res.in.

Verified by

Signature :

Name : श्री एच. के. कुंडरिया / Mr. H. K. Kundariya

Designation : वरिष्ठ तकनीकी अधिकारी (II) / Sr. Technical Officer (II)

Authorized Signatory

Signature :

Name : डॉ. परवेश अग्रवाल / Dr. Parvesh Agrawal

Designation : प्रभारी वैज्ञानिक / Scientist-in-Charge

कर्मणैव हि ससिद्धिम