

# *Chem-Impex International, Inc.*

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**Manufacturing site:**

825 Dillon Drive

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## *Certificate of Analysis*

<b>Catalogue Number</b>	36308
<b>Product</b>	<b>Calcium silicate</b>
<b>Lot Number</b>	002078-374010241
<b>CAS Number</b>	1344-95-2
<b>Molecular Formula</b>	CaSiO <sub>3</sub>
<b>Molecular Weight</b>	116.16

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<b>Appearance</b>	White, light fine amorphous powder
<b>Anion</b>	Fluoride (F <sup>-</sup> ) : < 50 ppm
<b>Cation</b>	Lead (Pb) : < 2 ppm
<b>pH</b>	10
<b>Yeast and Mold</b>	< 300 cfu/g (TYMC)
<b>Loss on Drying</b>	4.7% (2h at 105 °C)
<b>E. Coli, Salmonella, S.Aureus</b>	Absent
<b>Microbial Count</b>	< 1000 CFU/g (TAMC)
<b>Pseudomonas Aeruginosa</b>	Absent
<b>Assay</b>	> 90% (Sum of CaO, SiO <sub>2</sub> and LOI) 18 - 33% (as CaO)
<b>Grade</b>	Meets USP Specification
<b>Storage</b>	Store at RT
<b>Additional Information</b>	Loss on ignition : < 20% CaO content : 18 - 33% SiO <sub>2</sub> content : 45 - 60% Sieve residue 45 mm, spray : 0.3% Linseed oil absorption : 465 mL/g Ratio of SiO <sub>2</sub> -CaO : 0.5 - 20

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**Remarks**

See material safety data sheet for additional information

For laboratory use only

**The foregoing is a copy of the Certificate of Analysis as provided by our supplier**



**Bala Kumar**  
**Quality Control Manager**