

# *Chem-Impex International, Inc.*

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**Manufacturing site:**

825 Dillon Drive

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## *Certificate of Analysis*

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<b>Catalogue Number</b>	32096
<b>Lot Number</b>	000996-2541297
<b>Product</b>	<b>Xanthan gum</b>
<b>CAS Number</b>	11138-66-2

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<b>Appearance</b>	Free flowing powder
<b>Viscosity</b>	1557 mPas
<b>Elemental Analysis (Found)</b>	< 1.5% (Nitrogen)
<b>Heavy Metals</b>	< 20 mg/kg
<b>Cation</b>	Arsenic : < 2 mg/kg Lead : < 2 mg/kg Mercury : < 1 mg/kg Cadmium : < 1 mg/kg
<b>pH</b>	7
<b>Mould and Yeast</b>	< 50 cfu/g
<b>Loss on Drying</b>	9.1%
<b>Residual Solvents</b>	Isopropyl alcohol : 13 mg/kg
<b>Coliform Organisms</b>	Negative/25g
<b>E. Coli</b>	Negative/25g
<b>Microbial Count</b>	< 30 cfu/g (Total plate count)
<b>Pseudomonas Aeruginosa</b>	Negative/g
<b>Salmonella</b>	Negative/25g
<b>Staphylococcus Aureus</b>	Negative/g
<b>Particle Size</b>	100% through 60 mesh 99% through 80 mesh
<b>Organic Volatile Impurities</b>	Conforms USP test
<b>Related Substances</b>	Pyruvic acid: $\geq$ 1.5%
<b>Ash</b>	10.2%
<b>Assay</b>	91 - 108%
<b>Grade</b>	USP/EP/FCC

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**Additional Information**

Other polysaccharides : Conforms EP test  
Powder colour : 80  
B.cereus: Negative/g  
Enterococcus faecalis: Negative/g  
Xanthomonas campestris: Negative/g  
Viscosity Ratio (V1:V2, 24 °C, 66 °C) : 1.03  
Pyruvic acid : > 1.5%

**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**