

# *Chem-Impex International, Inc.*

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825 Dillon Drive

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## *Certificate of Analysis*

<b>Catalogue Number</b>	30137
<b>Product</b>	<b>Urea, prilled</b>
<b>Lot Number</b>	001920-01719
	Carbonyldiamide
	Carbamide
<b>CAS Number</b>	57-13-6
<b>Molecular Formula</b>	CH <sub>4</sub> N <sub>2</sub> O
<b>Molecular Weight</b>	60.06

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<b>Appearance</b>	Small white prilled
<b>Solubility</b>	Freely soluble in Water and in boiling alcohol. Practically insoluble in Chloroform and in Ether.
<b>Anion</b>	Chloride (Cl <sup>-</sup> ): < 0.007% Sulfate (SO <sub>4</sub> <sup>2-</sup> ): < 0.01%
<b>Cation</b>	Lead (Pb): 1.5 mg/Kg
<b>Insoluble</b>	0.004%
<b>Loss on Drying</b>	0.0067%
<b>Residue On Ignition</b>	0.004% (Sulfated ash)
<b>Assay</b>	99.42%
<b>Grade</b>	FCC
<b>Application</b>	1) UREA, FCC is an odorless and colorless solid that is an important nitrogen-containing substance found in mammal urine. 2) Urea has little or no nutritional value to monogastric mammals but Urea is used in sugar-free chewing gum to adjust the texture
<b>Storage</b>	Store at RT
<b>Additional Information</b>	Identification A and B: Passes test

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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**