

# ***Chem-Impex International, Inc.***

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825 Dillon Drive

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## ***Certificate of Analysis***

<b>Catalogue Number</b>	30006
<b>Product</b>	<b>2,2'-Bipyridine-4,4'-dicarboxylic acid</b>
<b>Lot Number</b>	002702-20190518
	2,2'-Dipyridyl-4,4'-dicarboxylic acid
<b>CAS Number</b>	6813-38-3
<b>Molecular Formula</b>	C <sub>12</sub> H <sub>8</sub> N <sub>2</sub> O <sub>4</sub>
<b>Molecular Weight</b>	244.21

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<b>Appearance</b>	Off-white powder
<b>Heavy Metals</b>	20 ppm
<b>Anion</b>	Chloride (Cl <sup>-</sup> ) : 0.03% Sulfate (SO <sub>4</sub> <sup>2-</sup> ) : 0.01%
<b>Loss on Drying</b>	0.85%
<b>Residue On Ignition</b>	0.01%
<b>Purity by HPLC</b>	98.4%
<b>Storage</b>	Store at 0 - 8 °C

<b>Remarks</b>	See material safety data sheet for additional information For laboratory use only
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**The foregoing is a copy of the Certificate of Analysis as provided by our supplier**



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