

Certificate of Analysis

Product Name:	Betaine anhydrous	Batch Number:	JVL20160921
Country of origin:	Shaanxi, China	Testing Date:	2016-9-21
Manufacturer date:	2016-9-21	Expire Date:	2018-9-21

ITEMS	SPECIFICATION	RESULTS
Appearance	crystalline powder	Conforms
Melting point	About 205°C	206.4°C~206.7°C
Identification	Meet the requirements	Conforms
Appearance of solution	Clear, not more intense than Y7	Conforms
BP2010 /EP6 PH	2.4~3.0	2.60
Loss on drying	≤0.5%	0.04%
Sulphated ash	≤0.1%	0.01%
Heavy metals	≤20 ppm	<20 ppm
Related substances	≤0.25%	Conforms
Assay	99.0%~101.0%	99.8%

Conclusion: The product complies with BP2010/USP32/EP6 standard



Corrector: [Signature]

Analyst: [Signature]