

Chem-Impex International, Inc.

Tel: (630) 766-2112

E-mail: sales@chemimpex.com

Shipping and Correspondence:

935 Dillon Drive

Wood Dale, IL 60191

Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191

Certificate of Analysis

Catalogue Number	37679
Product	Bisacodyl
Lot Number	003483-002-03-22-23
	4,4'-(2-Pyridylmethylene)bisphenol diacetate
CAS Number	603-50-9
Molecular Formula	C ₂₂ H ₁₉ NO ₄
Molecular Weight	361.4

Appearance	White crystalline powder
Solubility	Practically insoluble in water, soluble in acetone, sparingly soluble in ethanol 95%, it dissolves in dilute mineral acid.
Melting Point	132 - 134 °C
Acidity & Alkalinity	0.18 mL of 0.01M HCl is required
Infrared Spectrum	Conforms to structure
UV Ratios	Examined between 220 nm and 350 nm the solution shows absorption maximum at 248 nm and a shoulder at above 290 nm. the specific absorbance at the maximum is 632 - 672
Loss on Drying	0.22% at 105 °C
Related Substances	Impurity A,B and F : Not detected Impurity C : 0.098% Impurity D : 0.011% Impurity E : 0.006% Unspecified impurity : 0.036% Total impurities : 0.17%
Sulfated Ash	0.055%
Assay	99.40% (On dried basis)
Grade	Meets BP Specifications
Storage	Store at 2 - 8 °C

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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