## Chem-Impex International, Inc.

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**Manufacturing site:** 935 Dillon Drive 825 Dillon Drive Wood Dale, IL 60191 Wood Dale, IL 60191

## Certificate of Analysis

07299 **Catalogue Number** 

000424-210918-21835 **Lot Number** 

**Product** S-Benzyl-D-penicillamine

D-Pen(Bzl)-OH

**CAS Number** 54536-38-8  $C_{12}H_{17}NO_2S$ **Molecular Formula** 

**Molecular Weight** 238.6

White powder **Appearance** 

168.8 - 170.9 °C **Melting Point** 

Conforms to structure **Infrared Spectrum** Conforms to standard **Analysis by Mass Spectra** 

0.15% (70 °C, 2h) **Loss on Drying** 

<sup>1</sup>H NMR Conforms to structure

**Purity by HPLC** 98.32%

Store at 0 - 8 °C **Storage** 

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**