

ANALYSIS OF MANNITOL X-RAY DIFFRACTION PATTERNS

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Mannitol samples were distributed to various locations worldwide. X-Ray powder diffraction data collected from various instruments was returned to ICDD. A Microsoft® Visual Basic.Net® program was developed to transform all data into the FullProf Suite readable format. WinPLOTR was used to locate peaks. DICVOL was used to index patterns. Crystal systems and cell parameters were obtained from the analysis. The results and discussions will be presented.