

Johnson & Johnson
BABY PRODUCTS COMPANY

RARITAN, N.J. 08869

J&J International Talc

Project No. 2936.00

Report for February - March 1977

OBJECTIVE:

To evaluate overseas talcs and talc sources.

SUMMARY:

World Talc Survey - 1976 No. 2

The second 1976 survey of talcs used in JBP worldwide has been completed and the summary report is in preparation.

All talcs presently in use were found satisfactory. Extensive technical support was rendered in optical mineralogy, x-ray and SEM to assist Japan in converting to alternate talcs supply for their production needs.

New Talc Source - Pakistan

A sample of ground talc was received from Pakistan for evaluation as a possible new source.

Supplier: Awan Minerals, Peshawar
Grinding: Hashwani Grinding Mills, Karachi
Origin: Frontier Province of Pakistan (Peshawar Area)

Analysis for mineral composition by x-ray diffraction revealed a substantial amount (0.5% w/w) of a controversial mineral in the amphibole class. In view of this finding, the talc was not recommended for use in JBP.

New Talc Source - Thailand

Two talc powders were submitted from Thailand for evaluation as possible new sources for supply.

J&J-0074205

Project No. 2936.00
Report for February - March 1977

- 1) Shantung Talc Powder Grade No.1
- 2) Liaoning Talc Powder Grade No. 2

Both talcs are mined in Central China. The Liaoning talc consists of 50% talc, 45% carbonate minerals and 5% quartz. It is not suitable for use in JBP.

The Shantung is a dominantly platy talc, but appears to contain a higher than usual content of carbonate minerals. The sample has been submitted to analytical for more exact determination of the carbonate mineral level.

Prepared by:

R. S. Russell