

# B J. MADAN & CO.<sup>®</sup>

## Targeting Tumors

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**November 15, 2022**

*This Reference Letter* Is Provided for Ms JIVYA LAMBA, who interned at my company, B J Madan & Co, New Delhi, in the department of Chemistry and Reagent preparation, as an Intern from 15th June 2022 to 1st October 2022 for a monthly stipend of Rs 10,000.00

B J Madan & Co is a Family Owned Enterprise, that had its inception in the year 1952, with strong fundamental in Pharmaceuticals & Nuclear Medicine. The Company has in its mission, " Targeting Tumors", around which the product portfolio of the company is built. Precision Oncology or Targeted Therapies involves use of various Radio Isotopes, which are used to treat tumors in different parts of the body. And in this process of preparation of radio-pharmaceuticals, organic and inorganic chemistry is involved where in we prepare BUFFERS of various kinds and certain PEPTIDES are used, which are tumour specific.

The chemistry revolves around ensuring that the IDEAL PH of the product is obtained, so that we have 100% labelling efficiency aa to achieve more than 99% and above of RPP ( radio Pharmaceutical Purity).

Jivya had responsibilities, wherein she was working with team of experts and learning to quantify amount of buffer like Sodium Acetate, Sodium Ascorbate to be diluted with Ultra Pure Water, so as to achieve required MOLARITY.

She learnt the process of using ph paper so as to ascertain the PH value of the reagent prepared as it's crucial for labelling efficiency of product. She learnt to read the PH values which are colour coded and to understand the product range as Basic To Acidic.

Simple but very critical use of PIPETTES was also learnt by Jivya as she learnt and appreciated to elioqrt the smaller quantities in micro litres. She also learnt the art using weighing measuring scales in decimal places up to 0.00001, which requires skill and patience

She always had adroit ways to solve the problems, skilful and adept in action, involved and committed to learn the basics, in thought and in action.

I wish her all the best in her new journey of Learning.

For B J Madan & Co

Tarnjit Singh

*Marketing "The future"*