

# NovoCURMIN

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## Executive Summary



NovoCurmin is a reformulated curcumin complex, protected by 2 international patent applications.



NovoCurmin can be used for a diverse array of indications and formulations.



The proprietary NovoCurmin complex, only uses GRAS excipients that are approved by all of the major regulatory authorities in the World including the U.S. FDA, EMA, Japan KFDA, and Chinese FDA

NovoCurmin



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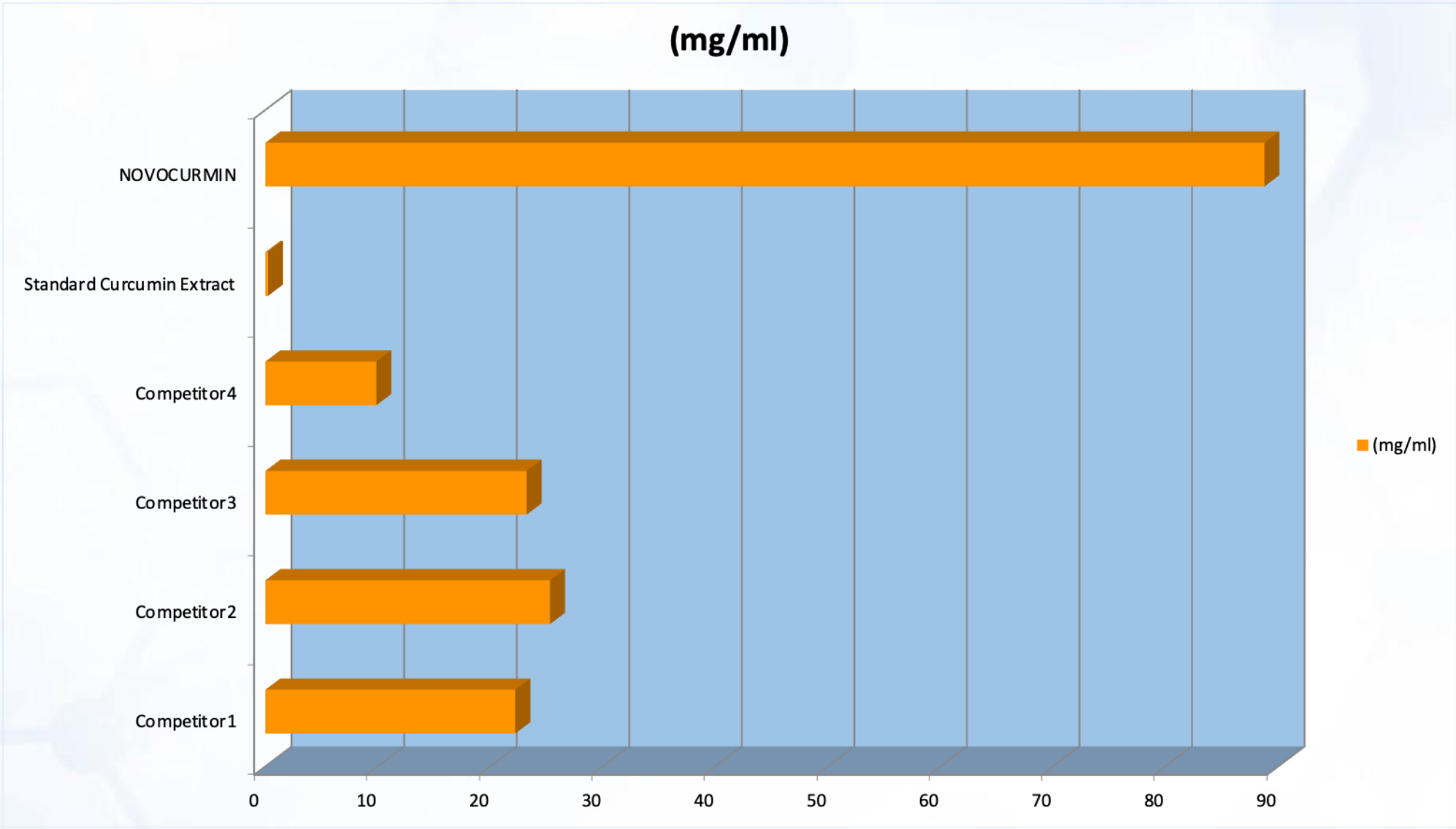
## Major Advantages

- NovoCurmin is highly stable
- Can be used in beverages.
- Can be used in food products.
- Can be used in supplements.
- Can be used in Pharma/Trad.Herbal Meds.
- The highest amount of curcumin per mg, that can be loaded compared to competitors. So a significantly smaller capsule size can be used.
- Significantly lower amount of emulsifier is used per unit dose, so the negative connotation associated with high emulsifier volumes is out of question.
- NovoCurmin uses a curcumin extract with a DMF(Drug Master File).
- NovoCurmin can be provided as a ready to fill format in powder or liquid form.
- Or as a premix for capsules,sachets,food and beverage manufacturing.
- Or can be provided as a finished dosage formulation according to the client's specifications.
- NovoCurmin will be manufactured in a cGMP approved manufacturing facility.

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## Solubility Study Results

NovoCurmin water solubility in comparison with the major solubility enhanced brands in the market.

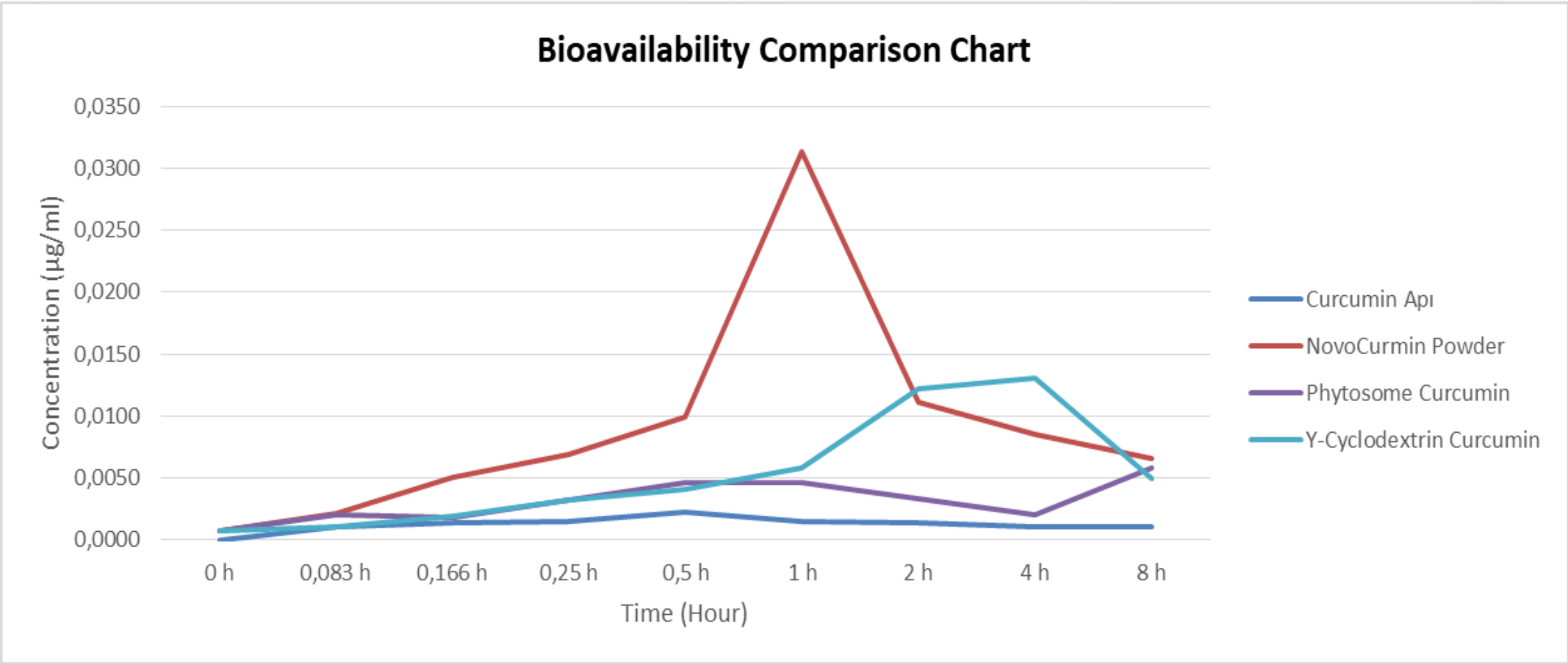


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## NovoCURMIN Bioavailability in comparison with the major brands in the market.



NovoCurmin has demonstrated up to 5X maximum plasma concentration compared to well established phytosomal and Y-Cyclodextrin Curcumin Complexes.



|                                     | C <sub>max</sub> (ng/ml) | T <sub>max</sub> (h) | AUC 0-8h (ng/ml*h) |
|-------------------------------------|--------------------------|----------------------|--------------------|
| Curcumin API                        | 2,199                    | 0,5 h                | 9,606              |
| NovoCurmin Powder                   | 31,322                   | 1 h                  | 84,440             |
| Phytosome Based Competitor          | 5,794                    | 8 h                  | 28,711             |
| Gamma-Cyclodextrin Based Competitor | 13,053                   | 4 h                  | 74,058             |

# Disclaimer

- This presentation may contain forward-looking statements that reflect our current expectation regarding future events and business development.
- The forward-looking statements involve risks and uncertainties. Actual developments or results could differ materially from those projected and depend on a number of factors including, but not limited to, the success of current research programs, results of pending or future clinical trials, commercial success of the products, regulatory approvals of pharmaceuticals, validity and enforcement of the patents, the stability of its commercial relationships, and the general economic conditions