SUPPORTING INFORMATION

Identification of TLC Markers and Quantification by HPLC-MS of Various Constituents in Noni Fruit Powder and Commercial Noni-Derived Products

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Table1. Recovery rates

Compound	Amount added to extract [ng]	Recovered amount [ng]	Recovery rate [%]
Deacetylasperulosidic acid (1)	150	171 $\pm$ 8	114
Asperulosidic acid (2)	100	107 $\pm$ 2	107
Rutin (3)	30	28 $\pm$ 1	93
Scopoletin (4)	100	86 $\pm$ 1	86
Nonioside B (5)	180	176 $\pm$ 14	98
Nonioside C (6)	50	55 $\pm$ 2	110
Alizarin (7)	10	8.5 $\pm$ 0.7	85

Amounts in ng on column (20 μ L injection). Determinations were made in triplicate.

Table 2. Calibration curves for compounds **1-7**

Substance	Concentration range [mg/ml]	Curve	R²
Deacetylasperulosidic acid (1)	0.0002 - 0.05	$y = -193085574x^2 + 48422265x + 16379$	0.9993
Asperulosidic acid (2)	0.0001 - 0.02	$y = 208461431x + 11878$	0.9993
Rutin (3)	0.00005 - 0.01	$y = -7105393562x^2 + 310763250x - 13210$	0.9993
Scopoletin (4)	0.0001 - 0.005	$y = -2027145917x^2 + 87035189x - 120$	0.9993
Nonioside B (5)	0.0001 - 0.02	$y = -2329887891x^2 + 91420696x - 6317$	0.9987
Nonioside C (6)	0.00005 - 0.01	$y = -7900538592x^2 + 248624211x - 3105$	0.9998
Alizarin (7)	0.0001 - 0.005	$y = -43272873147x^2 + 1126967363x - 351$	0.9995

Samples were injected in six replicates. Injection volume: 20 µL